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DICTIONARY
OF
BOTANICAL EQUIVALENTS

DICTIONARY

OF

BOTANICAL EQUIVALENTS

GERMAN-ENGLISH DUTCH-ENGLISH ITALIAN-ENGLISH

BY

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FRENCH-ENGLISH

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PREFACE TO SECOND EDITION

The popularity of the first edition has convinced the editors of the real need their work answers. They have therefore been encouraged to enlarge, revise and improve this, the second version of their earlier effort.

The addition of Dutch and Italian to the scope of this dictionary, together with the amplification of the French and German sections should prove of value to the research worker and extend the field of usefulness for the volume.

Changes in the arrangement and in the type-page, suggested and carried out by the publishers have also improved the appearance and compactness of the present edition.

PREFACE TO FIRST EDITION

Readers of foreign botanical literature have for a long time felt the need of an accurate translation of technical terms which are not commonly found in our dictionaries. In the following compilation the editors have attempted to supply this need. The foundation of the work rests on Schneider's *Illustriertes Handwörterbuch der Botanik.* Many terms, however, have been taken from other dictionaries, as well as textbooks and current literature.

French and German terms of Latin or Greek origin have been omitted whenever the English equivalent would practically have been only a repetition. For such terms as are included in this dictionary the exact English equivalents have been sought.

In numerous instances, however, the lack of such has made it necessary to furnish an explanation of the foreign term rather than a translation.

The list of plant names includes important economic plants, farm weeds, and the Latin equivalents for the larger plant groups.

The editors, so far from attempting a complete compilation of French and German botanical terms, have aimed only at the production of a practical handbook, accurate within the limits set for it. To make it possible for owners of the volume to amplify the list of terms and names given, the publishers have interleaved blank pages, and it is hoped that this will prove valuable for those who use the book.

THE EDITORS

Ithaca, December 1, 1920

ACKNOWLEDGMENT

The editors wish to express to their colleagues and friends their appreciation for helpful criticism in the selection of the proper equivalents and in the reading and correcting of the proofs.

GERMAN-ENGLISH

A

Abänderungsspielraum, *m.*, class variation.
Abart, *f.*, variety.
Abbau, *m.*, degeneration, running out.
Abblätterung, *f.*, exfoliation.
Abblühung, *f.*, cessation of flowering.
abborken, *v. t.*, to excorticate, peel.
Abdampfung, *f.*, evaporation.
abdorren, *v. i.*, to wither.
abfallend, *a.*, deciduous.
abfällig, *a.*, deciduous.
Abflug, *m.*, flying away (of winged seed).
Abfurchung, *f.*, segmentation.
abgebrochenblätterig, *a.*, abruptifolious.
abgeflacht, *a*, oblate.
abgegrenzt, *a.*, delimited.
abgehaart, *a.*, glabrous.
abgestumpft, *a.*, blunt, truncated.
abgestutzt, *a.*, blunt, truncated.
abgipfeln, *v. i.*, to head.
Abgliederung, *f.*, abjunction.
Abhaltungsmittel, *n.*, means of prevention, barrier.
Abhaung, *f.*, cutting down, lopping.
abholzig, *a.*, tapering (of tree trunks), poorly timbered.
Abholzung, *f.*, clearing of timber.
abkappen, *v. t.*, to top (trees).
Ablactation, *f.*, inarching.
Ablast, *m.*, complete suppression of the development of an organ.
Ablaufwinkel, *m.*, angle between main axis and lateral members.
Ableger, *m.*, scion, cutting, slip, a new individual produced asexually.
ablichten, *v. t.*, to clear.
abpfropfen, *v. t.*, to regraft.
abranken, *v. t.*, to thin out.
Abrisszone, *f.*, zone of abscission.
Absaugflasche, *f.*, filtering flask.
Abschleuderung, *f.*, abjection.
Abschnürung, *f.*, abjunction, abscission, abstriction.
Abschreckungsmittel, *n.*, protective agent.
abschuppen, *v. i.*, to scale off.
Absenker, *m.*, layer, cutting.
Absonderungsflüssigkeit, *f.*, excretion, secretion.
Absprung, *m.*, ramular abscission.
Abstammungstheorie, *f.*, descendence theory.
abstehend, *a.*, spreading.
absteigend, *a.*, descending.
Abtriebsalter, *n.*, final age (of timber trees) cutting age.
abwärtsgerichtet, *a.*, inverted.
Abwehrferment, *n.*, protective enzyme, antibody.
abweichende Form, *f.*, abberant form.
Abzweigung, *f.*, branching.
Achse, *f.*, axis.
Achselknospe, *f.*, axillary bud.
Achselspross, *m.*, axillary shoot.
Achselversprossung, *f.*, appearance of buds within a flower.
achsenbürtig, *a.*, arising from the axis.
Achsenfadenranker, *m.*, a plant climbing by means of axial tendrils.
Achsenknospenanlage, *f.*, axillary bud primordium.
Ackerbau, *m.*, field culture.
ackerbewohnend, *a.*, agrestis.

Ackerboden, *m.*, surface soil, cultivated soil.
Ackerfuchsschwanz, *m.*, foxtail grass.
Ackerkamille, *f.*, chamomile.
Ackerkrume, *f.*, surface soil.
Ackerminze, *f.*, mint.
Ackersenf, *m.*, mustard, (*Brassica arvensis*).
Ackerwinde, *f.*, small morning-glory, (*Convulvulus arvensis*).
Ader, *f.*, vein, grain (of wood).
Aderholz, *n.*, wood cut so as to show the grain.
Adventivfieder, *f.*, accessory pinna
Adventivkeim, *m.*, adventitious embryo.
Aequationsteilung, *f.*, equational division.
Aequatorialplatte, *f.*, equatorial plate.
Afterblatt, *n.*, stipule.
Afterdolde, *f.*, cyme.
Aggregationsarten, *f. pl.*, the close association of members of a species or of widely related groups.
Aggregationsplasmodien, *n. pl.*, pseudo-plasmodia (of Acraceae).
Ahlbeere, *f.*, black currant (*Ribis nigrum*).
Ahlborste, *f.*, subulate bristle.
Ahnenplasma, *n.*, germplasm.
Ahorngewächse, *n. pl.*, Aceraceae.
Ährchen, *n.*, spikelet.
Ähre, *f.*, spike.
Ährendolde, *f.*, spikelike umbel.
ährenförmig, *a.*, spicate.
Ährenfrucht, *f.*, grain, cereal.
Ährengras, *n.*, cereal.
Ährenköpfchen, *n.*, capitate spike.
Ährenlilie, *f.*, *Narthecium ossifragum.*
Ährenrispe, *f.*, contracted panicle.
Ährenspitze, *f.*, awn, glume.
ährentragend, *a.*, spicate.
Ährentraube, *f.*, spikelike raceme.
Akelei (Aglei), *f.*, columbine.
Alarzelle, *f.*, alar cell.
Älchenkrätze, *f.*, nematode scab.
Aleuronkorn, *n.*, aleuron grain.
Algenpilz, *m.*, phycomycete.
Algenzone, *f.*, algal layer (In lichens).
allassotonische Bewegung, *f.*, nutation due to reduction in cell turgor.
Allseitlage, *f.*, peristrophe.
Allzeugung, *f.*, pangenesis.
Alpenveilchen, *n.*, cyclamen.
Alpranke, *f.*, bittersweet.
Alterationserscheinung, *f.*, the indirect influence of an organ upon the development of another.
alternierend, *a.*, alternating.
althiebiges Holz, *n.*, forest of full-grown trees.
Altholz, *n.*, mature timber.
Altkultur, *f.*, aging culture.
Alveolarschicht, *f.*, alveolar layer.
Ambraholz, *n.*, yellow sandalwood.
Ameisenäther, *m.*, ethyl formate.
Ameisensäure, *f.*, formic acid.
Amokukar, *n.*, ammoniacal copper carbonate.
Ampfer, *m.*, dock (*Rumex sp.*).
Ananas, *f.*, pineapple.
Anbau, *m.*, cultivation.
Anbaufähigkeit, *f.*, possibility of cultivation.
Anbauwürdigkeit, *f.*, worthiness of cultivation.
Andorn, *m.*, horehound (*Marrubium vulgare*).
aneinander liegend, *a.*, accumbent.
aneliotrop, *a.*, insensible to light.
Anfaulen, *n.*, beginning of rot.
Anflug, *m.*, forest rejuvenation by wind-disseminated seed; thin glossy coating on fruits.
Anflugstelle, *f.*, landing place (for insect visitors of a flower).
angeflogen, *a.*, self-sown.
angeheftet, *a.*, adnexed.

angedrückt, *a.*, adpressed.
Angelborste, *f.*, glochidium.
Anger, *m.*, grass plot.
angewachsen, *a.*, coherent.
Anhangleiste, *f.*, appendicular ridge (of stomate).
Anhängsel, *n.*, appendage.
Anhau, *m.*, the first cut in a fellable forest.
Ankerhaar, *n.*, anchor hair.
Ankerklette, *f.*, burr fruit with projections for anchoring in the soil.
Ankömmling, *m*, casual (plant).
Ankultur, *f.*, young culture.
Anlage, *f.*, primordium, meristem, character.
Anlagenplasma, *n.*, idioplasm.
Anlagenumordnung, *f.*, rearrangement of hereditary factors.
Anlegung, *f.*, inception.
anliegend, *a.*, accumbent.
Anlockungsmittel, *n.*, lure (for insects).
anormale Fieder, *f.*, accessory pinna.
Anpassung, *f.*, adaptation.
Anpassungsmerkmal, *n.*, adaptive character.
Anpassungsnotwendigkeit, *f.*, necessity for adaptation.
Anpassungsmerkmal, *n.*, adaptive character.
Anpflanzung, *f.*, plantation.
anranken, *v. i.*, to fasten by means of tendrils.
anreizen, *v. t.*, to stimulate.
Ansatz, *m.*, apophysis, shoulder, appendage.
Ansatzpunkt, *m.*, insertion point.
Anschluss, *m.*, relation of the parts of the perianth to the bracts.
Anschlusszelle, *f.*, hypophysis.
Ansiedler, *m.*, epoikophyte.
Ansteckungsvermögen, *n.*, pathogenicity.
Antennen, *f. pl.*, hairs and appendages found on the lower lip of the bladder of Utricularia.
Antherenfach, *n.*, anther sac.
Antherenhälfte, *f.*, theca.
Antherenröhre, *f.*, anther tube.
Antheridiumstand, *m.*, antheridiophore.
Antheridiumstift, *m.*, antheridium cap, cuspide.
anticipierter Trieb, *m.*, prolepsis.
Anticonsimilität, *f.*, asymmetry.
antreiben, *v. t.*, to force.
anwachsen, *v. i.*, to adhere.
anwelken, *v. i.*, to begin to wilt.
anwurzeln, *v. i.*, to take root.
Apfelfrucht, *f.*, pome.
Apfelgehäuse, *n.*, apple core.
Apfelherz, *n.*, apple core.
Apfelkernhaus, *n.*, apple core.
Apfellangtrieb, *m.*, long shoot of apple tree (in contrast to spur shoot).
Apfelsäure, *f.*, malic acid.
Apfelschorf, *m.*, apple scab.
Apicalöffnung, *f.*, apical pore.
Appositionswachstum, *n.*, growth by apposition.
Aprilpflanze, *f.*, spring plant.
arbeitender Laubspross, *m.*, shoot with photosynthetically active leaves.
Arbeitshyperplasia, *f.*, hyperplasia produced by an increased demand on an organ.
Arbeitsvermögen, *n.*, energy.
Archegoniatentypus, *m.*, type (of stomate) found in the Archegoniatae.
Archegoniumträger, *m.*, receptacle, torus.
Arm (der Translatoren), *m.*, arm of retinaculum.
Armleuchteralga, *f.*, stone wort, *Chara sp.*
Armleuchtergewächs, *n.*, stone wort, *Chara sp.*
Armpalisadenzelle, *f.*, arm palisade cell.
armspannig, *a.*, few-barred.
Arongewächse, *n. pl.*, Araceae.
Aronstab, *m.*, *Arum sp.*

Art, *f.*, species, kind, breed.
Artanfang, *m.*, a mutation which has not as yet established itself as a species.
Artbastard, *m.*, species hybrid.
Artbildung, *f.*, formation of species, speciation.
artfremd, *a.*, of unlike species.
Artkreuzung, *f.*, species hybridization.
Asbestpflanze, *f.*, milkweed.
Asche, *f.*, ash.
Aschenbestandteil, *m.*, ash constituent.
Aschenermittlung, *f.*, ash determination.
Aschengehalt, *m.*, ash content.
Ast, *m.*, branch, knot in wood.
Astanlage, *f.*, branch primordium.
Astblatt, *n.*, branch leaf.
Astfäule, *f.*, branch rot.
Astholz, *n.*, branch wood, lapwood.
Astranke, *f.*, branch tendril.
Astreinigung, *f.*, natural pruning.
astständig, *a.*, ramous.
Atemhöhle, *f.*, air chamber.
Atemöffnung, *f.*, stomate.
Atemwurzel, *f.*, respiratory root.
Atmung, *f.*, respiration.
Atmungsnahrungsmittel, *n.*, food substance used in respiration.
Ätzkalk, *m.*, unslaked lime.
Ätzsublimat, *n.*, corrosive sublimate.
Auboden, *m.*, marshy soil.
Aufästung, *f.*, heading.
Aufbauen, *n.*, synthesis.
aufblättern, *v. i.*, to unfold the leaves.
Aufblühzeit, *f.*, eparcme.
Aufforstung, *f.*, afforestation.
Auffrieren, *n.*, frost lifting.
aufgeblasenes Leimkraut, *n.*, bladder campion, *Silene inflata*.
aufgehen, *v. i.*, to spring up, germinate.
aufgewachsen, *a.*, adnate.
aufliegend, *a.*, incumbent.
aufliegende Anthere, *f.*, adnate anther.
Auflösungsmittel, *n.*, solvent.
Aufpfropfung, *f.*, grafting up.
Aufquellung, *f.*, pre-soaking.
aufranken, *v. i.*, to climb
Aufregungsmittel, *n.*, stimulant, irritant.
Aufschlag, *m.*, forest rejuvenation from heavy seeds.
Aufschliessen, *n.*, decomposition of soils, hydrolysis.
Aufschliessungsvermögen, *n.*, ability to render plant nutrients available.
aufschwellen, *v. i.*, to swell.
aufspeichern, *v. t.*, to store.
aufspriessen, *v. i.*, to spring up germinate.
aufspringend, *a.*, dehiscent.
aufsteigend, *a.*, ascending.
aufsteigende Knospendeckung, *f.*, cochlear aestivation.
Auftrieb, *m.*, aerenchyma (above the theca of the anther of Ceratophyllum).
aufwachsen, *v. i.*, to grow up.
Aufzelle, *f.*, cell which gives rise to the epiblem in roots.
äugeln, *v. t.*, to bud.
Augenfleck, *m.*, eye-spot, stigma.
augenfleckig, *a.*, ocellate.
Augentrost, *m.*, eyebright (*Euphrasia officinalis*).
Ausartung, *f.*, degeneration.
ausbauendes Wachstum, *n.*, formative growth.
Ausbreitungsgeschwindigkeit, *f.*, speed of migration, rate of transfer.
Ausbuchtung, *f.*, protrusion.
ausdauernd, *a.*, perennial.
ausdauernder Knäul, *m.*, knawel (*Scleranthus perennis*).
Auseinanderhebung, *f.*, apostasis.
Ausfallen, *n.*, precipitation.
Ausflocken, *n.*, flocculation.
Ausführungsspalte, *f.*, pore (of internal gland).

Ausgangsform, *f.*, original form.
ausgeartet, *a.*, degenerate.
ausgebaut, *a.*, exhausted.
ausgebuchtet, *a.*, emarginate.
ausgerandet, *a.*, crenate, emarginate.
ausgeschweift, *a.*, incised
ausgespreizt, *a.*, divergent.
ausgestochen, *a.*, scorbiculate.
ausgipfeln, *v. t.*, to lop, top.
auslauben, *v. t.*, to thin out.
Ausläufer, *m.*, stolon.
Auslese, *f.*, selection, elimination.
auslichten, *v. t.*, to thin a forest, to prune.
Auslösung, *f.*, release.
Ausnützungskoeffizient, *m.*, utility factor.
Auspflanzung, *f.*, planting, transplantation.
Ausrandung, *f.*, emargination.
ausranken, *v.*, to spread with tendrils.
aussalzen, *v. t.*, to separate by the addition of a salt.
ausschwefeln, *v. t.*, to fumigate with sulphur.
Ausscheidung, *f.*, elimination, excretion.
Ausschlag, *m.*, foliation, sucker production.
ausschlagen, *v. i.*, to bud, to produce suckers.
Ausschlagschuppe, *f.*, ramentum.
Aussendrüse, *f.*, external gland.
Aussenhaut, *f.*, middle lamella, epidermis.
Aussenhülle, *f.*, excipulum, involucre.
aussenkeimig, a., exorrhizal.
Aussenkelch, *m.*, outer calyx, calyculus, involucre.
Aussenrinde, *f.*, periderm inclusive of the dead layers of the secondary phloem.
Austreuvorrichtung, *f.*, mechanism for seed dispersal.
Austrocknung, *f.*, desiccation.
auswendig, *a.*, extrorse.
Auswinterung, *f.*, winter-killing.
Auswuchs, *m.*, enation, excrescence.
Auszughauung, *f.*, removal of diseased or injured trees.
Auszweigung, *f.*, branching, lopping, pruning.
Auwald, *m.*, lowland forest.
avunkulare Kreuzung, *f.*, cross between mutants of a direct line.
Axe, *f.*, axis.
axenbürtig, *a.*, axial.
axilarer Strang, *m.*, medullary bundle.

B

backsteinartig, brick-shaped.
Baldriangewächse, *n. pl.*, Valerianaceae.
Balg, *m.*, empty glume.
Balgblume, *f.*, glumous flower.
Balgdrüse, *f.*, follicle.
Balgfrucht, *f.*, follicle.
Balgkapsel, *f.*, follicle.
Balgpilz, *m.*, Lycoperdon.
Band, *n.*, narrow strip of woodland.
bandiert, *a.*, fasciate.
Barbarakraut, *n.*, spring cress, *Barbarea vulgaris.*
Bärentapengewächse, *n. pl.*, Acanthaceae.
Bärenwurz, *f.*, *Meum athnanticum.*
Bärlapp, *m.*, club moss.
bärtig, *a.*, glochidiate, barbelate.
Basalblatt, *n.*, basal leaf.
Basalknoten, *m.*, the first node (of a leaf in Chara).
Basalscheibe, *f.*, holdfast.

Basilarmembran, *f.*, membrane formed by the union of the teeth of the peristome.
Bastardbestäubung, *f.*, cross-pollination between plants of different species.
Bastardierung, *f.*, hybridization.
Bastardpflanze, *f.*, hybrid plant.
Bastardzeugung, *f.*, hybridism.
Bastfaser, *f.*, fiber of phloem, pericycle or cortex.
bastfaserähnliches System, *n.*, tissue made up of libriform or septate libriform fibers.
Bastkeil, *m.*, wedge of bast.
Bastkörper, *m.*, phloem.
Bastparenchym, *n.*, phloem parenchyma.
Baststrang, *m.*, the sievetube-bearing part of the phloem.
Bauch, *m.*, venter.
bauchig, *a.*, ventricose.
Bauchkanalkern, *m.*, ventral canal nucleus.
Bauchkanalzelle, *f.*, ventral canal cell.
Bauchnaht, *f.*, ventral suture.
Bauchpilz, *m.*, gastromycete.
Bauchrinne, *f.*, ventral groove (Marchantia).
Bauchseite, *f.*, ventral side.
bauchständig, *a.*, ventral.
Bauchteil, *m.*, venter.
Baum, *m.*, tree.
baumähnlich, *a.*, arborescent.
baumartig, *a.*, dendriform.
baumbewohnend, *a.*, growing on trees.
Baumfarn, *m.*, tree fern.
Baumgenossenschaft, *f.*, tree association.
Baumgrenze, *f.*, timberline.
Baumschule, *f.*, nursery.
Baumwürgergewächse, *n. pl.*, Celastraceae.
Baustoff, *m.*, building material, nutrient.
Baustoffwechsel, *m.*, anabolism.
beblättert, *a.*, leafy.
Becher, *m.*, ascidium, ascus, calyx.
Bechercotyl, *m.*, amphicotyledon.
Becherdrüse, *f.*, crateriform gland.
Becherflechte, *f.*, cup-lichen.
Becherfrucht, *f.*, calybio.
Becherfrüchtler, *m.*, cupuliferous plant.
Becherpilz, *m.*, ascomycete.
Becherträger, *m.*, cupuliferous plant.
Beckenblütige, *m. pl*, Craterantheae.
bedecktsamig, *a.*, angiospermous.
bedecktsamige Pflanze, *f.*, angiosperm.
Beeinflussbarkeit, *f.*, modifiability, susceptibility.
Beere, *f.*, berry.
Beerenesche, *f.*, mountain ash, *Pyrus Aucuparia.*
Beerenfrucht, *f.*, berry.
Beerenhaufen, *m.*, syncarp.
Beerenzapfen, *m.*, arcesthida.
Beet, *n.*, bed (of plants).
Beete, *f.*, beet.
Befestigungsmittel, *n.*, fixing agent.
Befruchtung, *f.*, fertilization.
Befruchtungsanthere, *f.*, pollinating anther.
Befruchtungskelch, *m.*, perianth of fructification.
Befruchtungsschlauch, *m.*, pollen tube.
Befruchtungsträger, *m.*, gonophore.
beginnend, *a.*, incipient.
Begleiter, *m.*, comite.
Begleitgewebe, *n.*, connective tissue.
Begleitparenchym, *n.*, accompanying parenchyma, leptome sheath.
Begleitpflanze, *f.*, attending plant (found only in connection with definite plant associations).
behaubt, *a.*, cassideous.
beholzen, *v.*, to replant, to run into wood.
Beiknospe, *f.*, lateral bud.

bekelcht, *a.*, calyculate.
beiläufiger Schmarotzer, *m*, semi-parasite.
Beinweide, *f.*, honeysuckle.
Beispross, *m.*, secondary shoot.
Beize, *f.*, disinfectant, disinfection, corrosion.
Beköstigungsanthere, *f.*, short anther (which furnishes the food for visiting insects).
benarbt, *a.*, grass-covered.
berast, *a.*, grass-covered.
Berasung, *f.*, sodding.
Berberitze, *f.*, barberry.
Bereicherungsspross, *m.*, accessory shoot (which increases the fruiting and photosynthetic area).
Bergtee, *m.*, wintergreen, *Pyrola sp.*
Berlinerblau, *n.*, Prussian blue.
Bernsteinsäure, *f.*, succinic acid.
Berufskraut, *n.*, horse-weed, *Erigeron canadensis.*
Berührungsbrücke, *f.*, a clamp connection between two hyphae by means of short perforated protrusions).
Berührungsreiz, *m.*, contact stimulus.
Berührungsstreifen, *m.*, land at edge of wood.
Besamung, *f.*, seeding.
Besamungshieb, *m.*, thinning of old trees to insure growth of seedlings.
Beschleunigungsreiz, *m.*, accelerative stimulus.
beschuppt, *a.*, loricate.
Besenkraut, *n.*, broom, *Cytisus scoparius.*
besprengt, *a.*, adspersed.
Bestand, *m.*, plantation, stock.
Bestandsbegründung, *f.*, establishments of stands.
Bestäubung, *f.*, pollination.
Betriebsenergie, *f.*, energy of respiration.
Betriebsstoffwechsel, *m.*, basal metabolism.
Beulenbrand, *m.*, boil smut.
Bewahrungsmittel, *n.*, preservative.
bewalden, *v. t.*, afforest.
beweglich, *a.*, versatile, motile.
Bewegungsgewebe, *n.*, motor system.
Bewegungsreiz, *m.*, motor stimulus.
Bewegungsursache, *f.*, cause of movement.
Bewegungsvermögen, *n.*, power of movement.
biwimmpert, *a.*, ciliate.
Biegungsfestigkeit, *f.*, flexile strength.
Bienennährpflanze, *f.*, honey-producing plant.
Bienenweide, *f.*, honey flora.
bigener Bastard, genus hybrid.
Bildungsabweichung, *f.*, deviation from normal development.
Bildungsenergie, *f.*, energy of formation.
Bildungsgewebe, *n.*, meristem, cambium.
Bildungswärme, *f.*, heat of formation.
Bilsenkraut, *n.*, henbane, *Hyoscyamus sp.*
Bindung, *f.*, linkage, union.
Bingelkraut, *n.*, mercury, *Mercurialis annua.*
Binnendruck, *m.*, internal pressure.
Binse, *f.*, rush (general term).
Binsenblatt, *n.*, rush-like leaf.
biogenetisches Grundgesetz, *n.*, biogenic law.
Birke, *f.*, birch.
Birkengewächse, *n. pl.*, Betulaceae.
Birne, *f.*, pear.
birnförmig, *a.*, pyriform.
Bitterholzgewächse, *n. pl.*, Simarubaceae.
Bitterkleesalz, *n.*, oxalic acid.
Bittersalzboden, *m.*, soil rich in $MgSO_4$.

biversale Anpassung, adaptation in two directions.
Blähfrucht, *f.*, pneumatocarp.
bläschenförmig, *a.*, vesicular.
Blase, *f.*, bladder.
blasebalgartig, *a.*, bellows-like.
Blasenflieger, *m.*, fruits with wings of Cynara type.
Blasenhaar, *n.*, bladder hair.
Blasentang, *m.*, rockweed, *Fucus sp.*
blasig aufgetrieben, *a.*, vesicular.
Blatt, *n.*, leaf.
Blattabfall, *m.*, defoliation.
Blattabschnitt, *m.*, leaf segment.
Blattachsel, *f.*, leaf axil.
Blattaderung, *f.*, leaf venation.
Blattanlage, *f.*, leaf primordium, leaf rudiment.
Blattanordnung, *f.*, phyllotaxy.
Blattansatz, *m.*, stipule.
blattartig, *a.*, leaflike.
blattastständig, *a.*, cladodial.
Blattauge, *n.*, leaf bud.
Blattbasis, *f.*, leaf base.
Blattbleiche, *f.*, leaf injury due to excess of light, chlorosis.
Blattbräune, *f.*, leaf blotch.
blattbürtig, *a.*, arising from a leaf.
Blattdorn, *m.*, leaf thorn.
Blattentleerung, *f.*, removal of food substances from leaf.
Blätterabfall, *m.*, defoliation.
Blätterbrand, *m.*, leaf smut.
blätterig, a., leafy.
Blätterpilz, *m.*, mushroom.
Blattfederchen, *n.*, plumule.
Blattfläche, *f.*, lamina.
Blattflechte, *f.*, foliose lichen.
Blattfleisch, *n.*, spongy parenchyma.
Blattflügelzelle, *f.*, alar cell.
Blattfolge, *f.*, leaf succession.
blattförmig, *a.*, lamelliform.
Blattfuss, *m.*, sclerotic thickening (at base of Isoetes leaf).
Blattgelb, *n.*, xanthophyll.
Blattgewebe, *n.*, mesophyll.
Blattgrün *n.*, chlorophyll.
Blattgrund, *m.*, leaf base, lower portion of leaf primordium.
Blattgrüntod, *m.*, frost injury to needles and small branches.
Blatthäutchen, *n.*, cuticle, ligule.
Blattkanne, *f.*, pitcher leaf.
Blattkeim, *m.*, plumule.
Blattkissen, *n.*, pulvinus.
Blattkletterer, *m.*, leaf climber.
Blattknospe, *f.*, leaf bud.
Blattknospenstand, *m.*, prefoliation, vernation.
blattlos, *a.*, aphyllous.
Blattlücke, *f.*, leaf gap.
Blattmark, *n.*, mesophyll.
Blattnarbe, *f.*, leaf scar.
Blattnervatur, *f.*, leaf venation.
Blattoberfläche, *f.*, epidermis.
Blattpolster, *n.*, pulvinus.
Blattrand, *m.*, limb.
Blattranke, *f.*, leaf tendril.
Blattrankenträger, *m.*, plant-bearing leaf tendrils.
Blattrippe, *f.*, midrib, nerve, vein.
Blattrollkrankheit, *f.*, leafroll disease.
Blattrudiment, *n.*, rudimentary leaf.
Blattscheide, *f.*, leaf sheath.
Blattschlauch, *m.*, leaf or part of leaf modified to form a pitcher or bladder.
Blattschuppe, *f.*, ventral lobe.
Blattskelett, *n.*, leaf skeleton, the vein system of a leaf.
Blattspindel, *f.*, rachis.
Blattspitzenkletterer, *m.*, leaf-tip climber.
Blattspreite, *f.*, leaf blade.
Blattspur, *f.*, leaf trace.
Blattspurstrang, *m.*, leaf-trace bundle.
Blattsteckling, *m.*, leaf cutting.
Blattstellung, *f.*, phyllotaxy.
Blattstiel, *m.*, petiole.
Blattstielblatt, *n.*, phyllode.
Blattstieldrüse, *f.*, petiolar gland.
Blattstielgrübchen, *n.*, lenticel-like structure of petiole.

Blattstielkletterer, *m.*, petiole climber.
Blattstielnarbe, *f*, leaf scar.
Blattstielranke, *f.*, petiolar tendril.
Blattstielranker, *m.*, petiole climber.
Blattsucculent, *m.*, plant with succulent leaves.
Blattwand, *f.*, the wall which cuts off the leaf initials from the growing point of the axis.
blattwinkelständig, *a.*, axillary.
Blattzipfel *m.*, leaf lobe.
blat zipfelförmig, *a.*, acutilobate.
Blattzunge, *f.*, ligule.
blattzwischenständig, *a.*, interfoliaceous.
Blausäure, *f.*, hydrogen cyanide.
Blauholz, *n.*, log-wood.
Bleiarsenat, *n.*, lead arsenate.
Bleiwurzgewächse, *n. pl.*, Plumbaginaceae.
Blendart, *f.*, true variety resulting from hybridization.
Blendersaumschlag, *m.*, selection strip cutting, border-strip felling.
Blendling, *m.*, intermediate hybrid which breeds true.
Blendlingsbestäubung, *f.*, nothogamy.
Blume, *f.*, flower.
Blumenbalg, *m.*, glume.
Blumenbesucher, *m.*, flower visitor.
Blumenbinse, *f.*, *Butomus umbellatus.*
Blumenblatt, *n.*, petal.
blumenblattartig, *a.*, petaloid.
blumenblattlos, *a.*, apetalous.
Blumendeckblatt, *n.*, involucral leaf.
Blumendecke, *f.*, perianth.
Blumenduft, *m.*, fragrance.
Blumengriffel, *m.*, style.
Blumenhülle, *f.*, perianth.
Blumenkelch, *m.*, calyx.
Blumenknospe, *f.*, flower bud.
Blumenknospenstand, *m.*, vernation.
Blumenkohl, *m.*, cauliflower.
Blumenköpfchen, *n.*, glomerule.
Blumenkrone, *f.*, corolla.
Blumenpflanze, *f.*, phanerogamous plant.
Blumenstaub, *m.*, pollen.
Blumenstetigkeit, *f.*, preference of one insect for one kind of flower.
Blumenstiel, *m.*, peduncle.
Blumenstielchen, *n.*, pedicel.
Blumenuhr, *f.*, opening time (of flowers).
Blumenzwiebelkultur, *f* ., flower-bulb growing.
blumig, *a.*, glaucous.
Blutblatt, *n.*, *Arnica sp.*
Blüte, *f.*, blossom.
Blütenachse, *f.*, receptacle, floral axis.
Blütenanschluss, *m.*, position of perianth parts (in relation to the bracts).
Blütenbecher, *m.*, hypanthium.
Blütenbefruchter, *m.*, pollinator.
Blütenblatt, *n.*, petal.
Blütenboden, *m.*, receptacle, torus.
Blütendecke, *f.*, involucre, perianth.
Blütenduft, *m.*, fragrance.
Blüteneinsatz, *m.*, the position of the perianth parts of a flower lacking bracts in relation to the subtending leaf.
Blütenformel, *f.*, floral formula.
Blütenhülle, *f.*, perianth.
Blütenhüllenblatt, *n.*, sepal.
Blütenkätzchen, *n.*, catkin.
Blütenknäuel, *m.*, flower cluster.
Blütenknospe, *f.*, flower bud.
Blütenkolben, *m.*, spadix.
Blütenkorb, *m.*, calathidium.
Blütenkuchen, *m.*, the receptacle of Compositae.
blütenlos, *a.*, wanting the flower.
Blütenpflanze, *f.*, angiosperm.
Blütenschaft, *m.*, floral shoot.

Blütenscheide, *f.*, spathe.
Blütenschweif, *m.*, anthurus.
Blütenstand, *m.*, inflorescence.
Blütenstandboden, *m.*, receptacle of inflorescence.
Blütenstandstiel, *m.*, peduncle.
Blütenstaub, *m.*, pollen.
Blütenstiel, *m.*, pedicel.
Blütenstielranke, *f.*, tendril formed by pedicel.
Blütenteile, *m. pl.*, parts of a flower.
Blütenwachs, *n.*, flower wax.
Blütenzeichnung, *f.*, nectar guide.
Blütezeit, *f.*, acme.
Blutungsdruck, *m.*, root pressure.
Blutungswasser, *n.*, exudation water.
Blutwurz, *f.*, bloodroot, *Tormentilla erecta or Sanguinaria canadensis.*
Bockshornklee, *m.*, *Trigonella sp.*
Boden, *m.*, soil, ground.
Bodenentseuchung, *f.*, soil sterilization.
Bodenerhitzung, *f.*, soil heating.
Bodenerschöpfung, *f.*, soil exhaustion.
bodenhold, *a.*, preferring certain soils.
Bodensläufer, *m.*, tumble weed.
Bodenmüdigkeit, *f.*, soil sickness.
Bodenpflanze, *f.*, terrestrial plant.
bodenstet, *a.*, preferring certain soils.
Bodenübersichtskarte, *f.*, soil survey chart.
bodenvag, *a.*, occurring on all sorts of soils.
Bodenvergiftung, *f.*, soil poisoning.
Bodenverhältnis, *n.*, soil condition.
Bodenwurzel, *f.*, root.
Bogenblatt, *n.*, convex leaf.
bogenläufig, *a.*, camptodromous.
bogennervig, *a.*, feather-veined leaf with acrodromous and camptodromous course of secondary veins.
Bohne, *f.*, bean.
Bohnenkraut, *n.*, summer savory *Satureja hortensis.*
Bohrklette, *f.*, seed which buries itself in the ground.
Bordelaiser, Brühe, *f.*, bordeaux mixture.
Boretschgewächse, *n. pl.*, Boraginaceae.
Borke, *f.*, bark, scales or strips of cortex and phloem.
Borkenschuppe, *f.*, abstricted fragment of cortex.
Borste, *f.*, bristle, seta.
borstenförmig, setiform.
Borstengrass, *n.*, *Nardus sp.*
Borstenhaar, *n.*, seta.
Brache, *f.*, fallow.
Brachsenkraut, *n.*, quillwort, *Isoetes sp.*
Bracteeenform des Schauapparates, pseudoperianth formed by colored bracts.
Brand, *m.*, decay of woods resulting from large wounds, smut.
Brandfäule, *f.*, brown rot.
Brandwirtschaft, *f.*, broadcast burning practice.
Braunheil, *m.*, selfheal, *Prunella vulgaris.*
Braunkette, *f.*, medullary spot, pith fleck.
Braunschuppenkraut, *n.*, cancer root, *Orobanche sp.*
Braunwurzgewächse, *n. pl.*, Scrophulariaceae.
breiig, *a*, pulpy.
Brennblatt, *n.*, leaf with stinging hairs.
Brennborste, *f.*, stinging bristle.
Brennhaar, *n.*, stinging hair.
Bretterwurzel, *f.*, buttress root.
Brombeere, *f.*, blackberry.
Bruch, *m.*, swamp, brake.
Bruchast, *m.*, brittle lateral branch for vegetative reproduction.
Bruchfrucht, *f.*, loculicidal fruit.

Bruchknospe, *f.*, brittle branch breaking off below terminal bud to form a new plant.
Bruchspross, *m.*, brittle branch.
Bruchstämmchen, *n.*, brittle stem.
—brüderig, —adelphous.
Brunnenkresse, *f.*, watercress.
Brutbecher, *m.*, gemma cup.
Brutbecherchen, *m.*, cyphella.
Brutblatt, *n.*, leaf abscissed for vegetative reproduction.
Brutkelch, *m.*, sterile perianth.
Brutknolle, *f.*, tuber-like prothallium (of Anogramme).
Brutknospe, *f.*, brood bud.
Brutkorn, *n.*, gemma.
Brutkörper, *m.*, brood body.
Brutorgan, *n.*, brood organ.
Brutschüppchen, *n.*, brood scale.
Brutspross, *m.*, brood shoot.
Brutvorkeim, *m.*, secondary protonema.
Brutwurzelknöllchen, *n.*, tuber for vegetative reproduction.
Brutzelle, *f.*, brood cell.
Brutzwiebel, *f.*, brood bulb.
Buche, *f.*, beech.
Buchengewächse, *f.*, Fagaceae.
Büchse, *f.*, pyxidium.
Bucht, *f.*, bay.
Buchweizen, *m.*, buckwheat.
Buckelschorf, *m.*, scab caused by *Actinomyces*.
buntblätterig, *a.*, variegated.
Burzelkrautgewächse, *n. pl.*, Portulacaceae.
Büschel, *n.*, fascicle.
büschelförmig, *a.*, fascicled, tasseled.
Buschwahl, *f.*, hill selection.

C

German words of Latin or Greek derivation beginning with Ca, CO, or Cu, if not found here, should be looked for under the letter K.

Carinalhöhle, *f.*, carinal canal.
carpelbürtig, *a.*, of foliar origin.
Carpelträger, *m.*, carpophore.
carposporangisch, *a.*, endogenous.
Carposporium, *n.*, hyphal envelope of spores.
Casparischer dunkler Punkt, radial dot.
Casparischer dunkler Strich, Casparian strip.
Cellulosebalken, *m.*, strand, beam, or bar of cellulose.
Celluloseschlauch, *m.*, innermost layer of wall of cork cell.
Centralhöhle, *f.*, carinal canal, central cavity.
Centralkörper, *m.* pseudo-nucleus (of Schizophyceae).
Centralplacente, *f.*, free central placenta.
Centralspalte, *f.*, peg or ridge in antichamber of stomate.
Centralstrang, *m.*, axial strand.
centralwinkelständige Placente, axial placenta.
centrifugaler Blütenstand, botryose inflorescence.
centripetaler Blütenstand, cymose inflorescence.
Charakterzellen, *f. pl.*, pointer cells (in leaf of mosses).
Chromatinkern, *m.*, simple nucleus.
Chromomerenaustausch, *m.*, exchange of chromosomes.
Chromosomenanordnung, *d.*, arrangement of chromosomes.
Chromosomgestalt, *f.*, general shape of chromosomes.
Chromosomgrösse, *f.*, size of chromosomes.
Chromosommasse, *f.*, mass of chromosomes.
Chromosompaarung, *f.*, pairing of chromosomes.
Chromosomverklumpung, *f.*, clumping together of chromosomes.

Chromosomverschmelzung, *f.*, fusion of chromosomes.
Ciströschengewächse, *n. pl.*, Cistaceae.
commisuraler Griffel, style showing by a commissure evidence of fusion of carpels.
Commisuralfurche, *f.*, commissural groove.
Conchidien, *pl.*, basal leaves, appressed to substratum, which soon die and produce humus.
Conidienabschnürung, *f.*, abjection of conidia.
Conidienkette, *f.*, conidial chain.
Conidienköpfchen, *n.*, conidial head.
Conidienlager *n.* conidial field, sorus, pustule.
Conidiensprossung, *f.*, budding of conidia.
Conidienstand, *m.*, conidial field.
Conidienträger, *m.*, conidiophore.
consociiert, congenital, gamophyllous.
Constitualkampf, *m.*, struggle against environment.
continuierliche Spirale, continuous spiral.
Contractionswurzel, *f.*, young root which draws seedlings into soil.
contrahierendes Leitbündel, *n.*, reduced vascular bundle (especially of submerged plants).
Copulationsfortsatz, *m.*, conjugation papilla.
Copulationsschlauch, *m.*, fertilization tube.
Copulieren, *n.*, whip grafting, conjugation.
corollinisch, *a.*, petalloid.
Cotyledonarknospe, *f.*, cotyledonary bud.
Cribralparenchym, *n.*, phloem parenchyma.
Cribralpriman, *m.*, element of protophloem.
Cribralteil, *m.*, phloem.
Cribrovasalstrang, *m*, fibrovascular bundle.
Culturflüchtling, *m.*, escape.
Cuticularkröhnchen, *n.*, cuticular crown.
Cuticularleiste, *f.*, cuticular ridge.
Cuticularnaht, *f.*, cuticular suture.
Cuticularperle, *f.*, cuticular bead.
Cuticularschicht, *f.*, cuticular layer.
Cuticularwall, *m.*, rampart of cuticle.
Cuticularzapfen, *m.*, cuticular peg.
Cylinderepithel, *n.*, palisade layer of cells lining the scutellum.

D

dachig, *a.*, imbricate.
dachziegelartig, *a.*, imbricate.
Dammerde, *f.*, humus.
Dampfspannung, *f.*, vapor pressure.
Dattelpalme, *f.*, date palm.
Dattelpflaume, *f.*, persimmon.
Dauerconidium, *n.*, resting conidium.
Dauercyst, *m.*, resting cyst.
Dauerei, *n.*, resting zygote.
Dauerform, *f.*, permanent form.
Dauergewächs, *n.*, perennial.
Dauergewebe, *n.*, permanent tissue.
Dauermycel, *n.*, rhizomorph.
Dauerpflanze *f.*, plant which blossoms and fruits several times.
Dauerschwärmer, *m.*, quiescent swarmspore.
Dauerspross, *m.*, resting shoot.
Dauerstaude, *f.*, perennial herb.
Dauerstrang, *m.*, rhizomorph.
Dauerwald, *m.*, continuous forest.
Dauerzeichen, *n.*, symbol.
Dauerzelle, *f.*, resting cell.
decidierter Typus, hybrid resembling one parent more than the other.

Deckblatt, *n.*, bract or an inflorescence or of a single flower.
Deckblättchen, *n.*, bracteole.
Deckel, *m.*, operculum.
Deckelkapsel, *f.*, pyxidium.
Deckelzelle, *f.*, lid-cell.
deckige Knospendeckung, imbricate aestivation.
Deckhaar *n.*, appressed silky hair.
Deckrand, *m.*, false indusium.
Deckschuppe, *f.*, scale.
Deckspelze, *f.*, lemma, flowering glume.
Deckzotte, *f.*, shaggy hair.
Dehnspross, *m.*, etiolated shoot.
derbwandig, *a.*, thick-walled.
dichopodiale Sprossverkettung, dichotomy.
dichotrophe Pflanze, *f.*, heterotropic plant.
Dichtheit, *f.*, density, closeness (of grain in wood).
Dickblatt, *n.*, succulent leaf.
Dickblattgewächse, *n. pl.*, Crassulaceae.
Dickenwachstum, *n.*, growth in thickness.
differentielle Teilung, qualitative division.
Digestionsdrüse, *f.*, digestive gland.
dipleurisch, *a.*, two-layered.
Dipterenblume, *f.*, dipterous flower.
Discusdrüse, *f.*, receptacle gland.
Discusschuppe, *f.*, scale-like gland of receptacle.
Diskuslappen, *m.*, glandular lobe of receptacle.
Distelblatt, *n.*, prickly leaf.
distelblätterig, *a.*, acanthifolious.
Dolde, *f.*, umbel.
Doldenblütler, *m. pl.*, Umbelliferae.
Doldenerbse, *f.*, *Pisum sativum* var. *umbellatum.*
Doldengewächse, *n. pl.*, Umbelliferae.
Doldenrispe, *f.*, umbel-like panicle.
Doldenschraubel, *f.*, umbel-like monochasial cyme with the lateral axis transverse to the main axis and always at the same side.
Doldentraube, *f.*, umbel-like raceme, corymb.
Doldenwickel, *m.*, umbel-like monochasial cyme with the lateral axis transverse to the main axis and always on alternate sides.
Doppelbalg, *m.*, bifolicle.
Doppelbeere, *f.*, double berry.
Doppelbestäubung, *f.*, simultaneous pollination with two kinds of pollen.
doppelfrüchtig, *a.*, amphicarpous.
Doppelwickel, *m.*, dicyme passing into a monochasial cyme
Dorn, *m.*, thorn, spine.
Dörrfleckenkrankheit, *f.*, Early blight.
Drehung, *f.*, torsion.
Drehwuchs *m.*, tortuous growth, spiral grain.
dreischneidig reitende Knospenlage, Carex type of vernation.
dreistufig, *a.*, tricaulate.
dreizählig, *a.*, ternate.
dreizeilig, *a.*, triseriate.
Druck, *m.*, pressure.
Druckfestigkeit, *f.*, power of resisting compression.
Druckspannung, *f.*, turgor.
Drüse, *f.*, gland.
Druse, *f.*, druse.
Drüsenblatt, *n.*, glandular leaf.
Drüsendeckel, *m.*, the cells closing a gland or surrounding the opening thereof.
Drüsenfläche, *f.*, glandular surface.
Drüsenfleck *m.*, glandular spot.
Drüsenhaar, *n.*, glandular hair.
Drüsenraum, *m.*, glandular cavity
Drüsenscheibe, *f.*, glandular disk.
Drüsenschuppe, *f.*, glandular scale.
Drüsenzotte, *f.*, glandular shaggy hair.

drüsiger Blattzahn, glandular leaf-tooth.
Dünenaufforstung, *f.*, afforestation of dunes.
Dünenpflanze, *f.*, dune plant.
Düngungsfrage, *f.*, fertilizer question.
Dunkelstarre, *f.*, rigor as a result of darkness.
Durchforstung, *f.*, thinning.
Durchlassstelle, *f.*, transfusion cell or area.
Durchlassstreifen, *m.*, transfusion cell or area.
Durchschnittszuwachs, *m.*, mean increment.
Durchwachsung, *f.*, penetration, prolification.
Durchwanderung, *f.*, diffusion, passing through.

E

Ebenholz, *n.*, ebony.
Ebenholzgewächse, *n. pl.*, Ebenaceae.
Ebenstrauss, *m.*, corymb.
Eberesche, *f.*, *Sorbus terminalis.*
echte Kreutzung, gnesiogamy.
echter Nährstoff, essential element (found in plants).
echter Pilz, Eumycete.
echte Zwangsbestäubung, archicleistogamy.
Eckencollenchym, *n.*, corner collenchyma.
Eckholz, *n.*, squared timber.
Edelauge, *n.*, bud (used for grafting).
Edelkastanie, *f.*, chestnut.
Edelreis, *n.*, scion.
Edeltanne, *f.*, *Abies Picea.*
Edelweiss, *n.*, *Gnaphalium leontopodium.*
Ehrenpreis, *m.*, speedwell, *Veronica sp.*
Ei, *n.*, egg.
Eiapparat, *m.*, egg apparatus.
Eiballung, *f.*, oosphere formation.
Eibe, *f.*, yew.
Eiche, *f.*, oak.
Eichel, *f.*, acorn.
eichelförmig, *a.*, acorn-shaped, glandiform.
Eichelfrucht, *f.*, glands, acorn.
Eichen, *n.*, little egg, ovule.
Eichenrinde, *f.*, oak bark.
Eierfrucht, *f.*, eggplant.
eiförmig, *a.*, ovoid.
Eigenbefruchtung, *f.*, autogamy.
Eigengestaltung, *f.*, automorphosis.
Eigenrichtung, *f.*, autotropism.
Eikern, *m.*, egg nucleus.
Eiknospe, *f.*, oogonium (Chara).
Eikugel, *f.*, oosphere.
Eimund, *m.*, micropyle.
einachsig, *a.*, haplocaulic.
einartige Kreutzung, xenogamy.
eingebettet, *a.*, embedded.
eingebogen, *a.*, crenate.
eingefaltete Knospenlage, plicate vernation.
eingekrümmt, *a.*, incurved.
eingerollte Knospenlage, involute vernation.
eingeschlagen, *a.*, induplicate.
eingeschlechtig, *a.*, unisexual.
eingestülpt, *a.*, incurved.
einhäusig, *a.*, monoecious.
einjährig, *a.*, annual.
einkernig, *a.*, uninucleate.
Einlagerung, *f.*, infiltration.
einmieten, *v. t.*, to store (potatoes).
einsamenlappig, *a.*, monocotyledonous.
Einsatz der Blüte, insertion of flower.
Einsäuerung, *f.*, ensilage production.
einschlägig, *a.*, relating or pertaining to.

einseitiger Bastard, a hybrid which has the characteristics of only one parent.
einseitiger Hoftüpfel, half-bordered pit.
einspitzen, *v.*, to insert.
einstufig, *a.*, haplocaulic (bearing sex organs on the main axis).
Eintagsblüte, *f.*, flower which opens and closes the same day, or flower which opens only once.
eintriebig, *a.*, one-stemmed.
einweibig, *a.*, monogynous.
Einwirkung, *f.*, action.
Einzelbestand, *m.*, the flora of a certain locality of a uniform physiological character.
Einzugsgebiet, *n.*, watershed.
eirund, *a.*, oval.
eisenhutblätterig, *a.*, aconitifolius.
Eisenkrautgewächse, *n. pl.*, Verbenaceae.
Eisenvitriol, *n.*, hydrous ferrous sulphate.
Eisodialleiste, *f.*, anterior ridge (on inner surface of guard cells of stomates).
Eisodialöffnung, *f.*, anterior opening (of stomate).
Eiweiss, *n.*, protein, albumen.
Eiweiss-organismus, *m.*, bacterium which needs protein in the nutrient medium.
Eiweissschlauch, *m.*, myrosin container.
Eizelle, *f.*, egg, oosphere of fungi.
Ekelblume, *f.*, dipterous flower.
Elaterenträger, *m.*, elaterophore.
Embryokügelchen *n.*, globular proembryo.
Embryosackmutterzelle, *f.*, megaspore, embryo sac mother cell.
Embryoträger, *m.*, suspensor.
Empfängnisfaden, *m.* trichogyne.
Empfängnisfleck, *m.*, receptive spot.
Empfindlichkeit, *f.*, susceptibility.
Empfindung, *f.*, perception.
Ende, *n.*, extremity.
Endknospe, *f.*, terminal bud.
Endoderm-Hypoderm, *f.*, intercutis.
endständig, *a.*, terminal, apical.
Endzelle, *f.*, terminal cell.
Energieumsatz, *m.*, energy transformation.
Enkelkern, *m.*, granddaughter nucleus.
entästen, *v. t.*, to lop, to trim.
entblättern, *v. t.*, to defoliate.
Entgiftung, *f.*, detoxification.
Entleerungsapparat, *m.*, gland.
Entmischung, *f.*, dissociation.
entrinden, *v. t.*, to bark, to peel.
entwässern, *v. t.*, to drain.
Entwicklungsänderung, *f.*, change in development.
Entwicklungsfolge, *f.*, successive stages in the development.
Entwicklungsgang, *m.*, ontogeny.
Entwicklungsgeschichte, *f.*, developmental history.
Entwicklungshemmung, *f.*, inhibition in development.
Entwicklungsperiode, *f.*, growing period.
Entwicklungsreihe, *f.*, lines of development.
entwurzeln, *v.*, to uproot.
Enzian, *m.*, gentian.
Enziangewächse, *n. pl.*, Gentianaceae.
Epheu, *m.*, ivy.
Erbanlage, *f.*, hereditary factor.
Erbeinheit, *f.*, hereditary unit, gene.
Erblichkeit, *f.*, heredity.
Erbse, *f.*, pea.
Erbsenbaum, *m.*, Siberian acacia.
Erbsubstanz, *f.*, idiochromatin.
Erbzahl, *f.*, number of parental types.
Erdapfel, *m.*, potato, cyclamen, truffle.
Erdbeere, *f.*, strawberry.
Erdbirne, *f.*, Jerusalem artichoke.
Erdholz, *n.*, semi-shrub.
Erdkrume, *f.*, mold, black earth.
Erdnuss, *f.*, peanut.

Erdstamm, *m.*, prostrate stem.
Erdstaude, *f.*, the lower aerial portion of a perennial.
Erdstern, *m.*, geaster.
Erdwurzel, *f.*, root.
Erhaltungsspross, *m.*, essential shoot, (the shoot in direct line from the germ axis to the flower).
Erle, *f.*, alder.
Erdmüdungsstoff, *m.*, inhibitory substance.
Ernährungsspross, *m.*, innovation shoot.
Ernährungssubstanz, *f.*, trophoplasm, nutritive material.
Ersatzfaser, *f.*, substitute fiber.
Ersatzfaserzelle, *f.*, substitute fiber.
Ersatzgipfel, *m.*, substitute treetop.
Erschütterungsreiz, *m.*, contact stimulus, seismonasty.
Erstarkung, *f.*, primary growth in thickness.
Erstarrungspunkt, *m.*, point at which rigor sets in.
Erstlingsblatt, *n.*, primary leaf.
Ertragsfähigkeit, *f.*, productivity.
Ertragsverlauf, *m.*, course of returns.
Ertragsvermögen, *n.* yielding power.
Erwerbgartenbau, *m.*, commercial horticulture.
erzwungen, *a.*, induced.
Esche, *f.* ash, *Fraxinus sp.*
Esparsette, *f.*, *Onobrychis sp.*
Espe, *f.*, aspen, *Populus sp.*
Essigsäure, *f.*, acetic acid.
Etagencambium, *n.*, cambium with a single initial layer.
Etagenwuchs, *m.*, growth in tiers.
Etiolinkorn, *n.*, chlorophyll which has not acquired its green color.
Excretbehälter, *m.*, excretion container.

F

Fach, *n.*, loculus.
Fächel, *m.*, rhipidium.
fächerig, *a.*, loculate.
Fächerstrahl, *m.*, segment of labelliform leaf.
Fächerung, *f.*, pith diaphragms.
fachspaltig, *a.*, loculicidal.
Fackelbaum, *m.*, marsh elder.
Fackeldiestelgewächse, *n. pl.*, Carbaceae.
Fädchansubstanz, *f.*, filar substance.
Faden, *m.*, linin, thread, filament.
Fadenflechte, *f.*, filamentous lichen.
fadenförmig, *a.*, filamentous.
Fadenkeimung, *f.*, germination by a germ tube.
Fadenpilz, *m.*, filamentous fungus.
Fadenplasma, *n.*, filar substance.
Fadenplasmodium, *n.*, filamentous plasmodium.
Fadenranke, *f.*, axial branch tendril.
Fadenscheide, *f.*, sheath enclosing swarmspores.
Fahne, *f.*, standard.
Faktorenaustausch, *m.*, crossing over.
Fallfrucht, *f.*, deciduous fruit, windfall.
Fällungsvermögen, *n.*, ability to cause precipitation.
falscher Kern, false heartwood.
falscher Splint, false sapwood.
Faltenschwamm, *m.*, *Helvella crispa.*
Falterblumen, *f. pl.*, psychophilae.
Faltung der Blätter, vernation.
Familienforschung, *f.*, genealogical history.
Fangbaum, *m.*, trap-tree.
Fangborste, *f.*, prehensile bristle.

Fanghaar, *n.*, glandular hair, tentacle.
Fangpflanze, *f.*, trap plant.
Farbabänderung, *f.*, change of color.
Farbholz, *n.*, colorwood (between splint and heart).
farblos, *a.*, achromatic.
Farn, *m.*, fern.
Farnblattaderung, *f.*, fernfrond venation.
Farnkraut, *n.*, fern.
Faser, *f.*, fiber.
faserartig, *a.*, fibrous, grained.
Faserbaum, *m.*, *Rhamnus Frangula, Prunus Padus.*
Faserborke, *f.*, bark consisting largely of fibers.
Fasergrübchen, *n.*, sterile scaphidium, cryptostomate.
Fasertracheide, *f.*, fiber tracheid.
Faserwirbel, *m.*, gnarl of fibers.
Faserwurzel, *f.*, fibrous root.
Faulkern, *m.*, heart rot.
Fäulnisbewohner, *m.*, saprophyte.
Federchen, *n.*, plumule.
Federgras, *n.*, feather grass, *Stipa pinnata.*
Federhaar, *n.*, filamentous hair.
Federharz, *n.*, india rubber.
Federkelch, *m.*, pappus.
Federkraft, *f.*, elasticity.
Fegeapparat *m.*, stylar brush.
Fegehaar, *n.*, stylar hair.
Feigbohne, *f.*, lupine.
Feige, *f.*, fig.
Feigenfrucht, *f.*, syconium, figfruit.
Feigwurz, *f.*, *Ficaria sp.*
feinfaserig, *a.*, fine-grained.
Feinheit, *f.*, closeness (of grain in wood).
Feldbeifuss, *m.*, wormwood, *Artemisia campestris.*
Felderung, *f.*, division into areas.
Feldrüster, *m.*, *Ulmus campestris.*
Felsenkirsche, *f.*, *Prunus mahaleb.*
Femelstreifenbeitrieb, *m.*, selection strip system.
Fettbaum, *m.*, fat-tree.
Fettbildner, *m.*, elaioplast.
Fetthenne, *f.*, stonecrop, *Sedum telephium.*
Fettpflanze, *f.*, succulent plant.
Fettplatte, *f.*, plastid (in protoplasm of the Peridineae).
fibröse Schicht der Anthere, endothecium.
Fibrovasalbündel, *n.*, fibrovascular bundle.
Fibrovasalstrang, *m.*, fibrovascular strand.
Fichte, *f.*, spruce.
Fichtenwirtschaft, *f.*, spruce management.
fiederförmig, *a.*, pinnate.
Fiederpalme, *f.*, palm with pinnatified leaves.
fiederspaltig, *a.*, pinnate.
Filarmasse, *f.*, filar protoplasm.
Filz, *m.*, tomentum.
Filzalge, *f.*, simple or branched algal growth attached to a substratum.
Filzgewebe, *n.*, fungus tissue.
Filzhaar, *n.*, felted or woolly hair.
filzig, *a.*, tomentose.
filzig verflochten, *a.*, felted.
fingerförmig, *a.*, digitate.
Fingerhut, *m.*, foxglove.
Fingerkraut, *n.*, *Potentilla sp.*
Fioringras, *n.*, bent-grass, *Agrostis sp.*
Fischölseife, *f.*, fish-oil soap.
Fixiermittel, *n.*, fixative.
flacharmig, *a.*, flat-armed (cells of spongy parenchyma).
Flachblatt, *n.*, flat leaf.
Fläche, *f.*, area, facet.
flache Knospenlage, straight vernation.
flächenläufig, *a.*, diadromous.
flächenständige Samenanlage, parietal placenta.
Flächenstellung, *f.*, epistrophy.
Flachspross, *m.*, cladode, phylloclad.
Flachsprossgewächs, *n.*, phylloclad.
Flachsseide, *f.*, dodder.

Flachwunde, *f.*, surface wound.
flachwurzelig, *a.*, shallow-rooted.
Flankenlage, *f.*, parastrophe (of the plastids).
flaschenförmig, *a.*, lageniform.
flaumhaarig, *a.*, pubescent.
Flechte, *f.*, lichen.
Flechtenpilz, *m.*, lichen fungus.
Fledermausblütler, *m.*, flower pollinated by bats.
Fleischhaut, *f.*, sarcocarp.
fleischig, *a.*, carnose, fleshy.
fleischwarzig, *a.*, papillose.
Flieder, *m.*, lilac.
Fliegenblume, *f.*, flower pollinated by dipterous insects.
Flimmerbewegung, *f.*, vibrating movement.
Flimmergeissel, *f.*, fimbricate cilia.
Flockenblume, *f.* star thistle, *Centaurea scabiosa.*
Florenreich, *n.*, flora.
Flüchtigkeit, *f.*, volatility.
Flugbrand, *m.*, loose smut.
Flügel, *m.*, wing, ala.
Flügelfrucht, *f.*, samara.
Flügelrand, *m.*, edge of vagina (Isoetes).
Flugfrüchtler, *m.*, plant producing winged seeds.
Fluggewebe, *n.*, tissue for aiding in wind dissemination.
Flugorgan, *n.*, organ for aiding in wind dissemination.
flutendes Moos, *n.*, submerged moss.
Föhre, *f.*, pine, fir.
Folgeblatt, *n.*, metaphyll, mature leaf as opposed to juvenile form.
Folgemeristem, *n.*, secondary meristem.
Formgattung, *f.*, form species.
Formationsglied, *n.*, subtype, association.
Formationsgruppe, *f.*, formation (e.g. meadow).
Formationsklasse, *f.*, vegetation type.
formativer Stoff, building material.
formatives Cytoplasma, kinoplasm, cytoplasm giving rise to spindle in cell division.
formatives Wachstum, morphogenic growth.
Formelement, *n.*, structural element.
Formveränderung, *f.*, modification.
Forsteinrichtung, *f.*, forest regulation.
Fortleitung, *f.*, propagation.
Fortpflanzung, *f.*, reproduction.
Fortpflanzungszelle, *f.*, propagative cell.
Fortsätze, *m. pl.*, the processes between the teeth of the peristome of mosses.
freibeweglich, *a.*, motile.
freiblätterig, *a.*, polysepalous.
Freiwandlage, *f.*, epistrophe.
Fremdbestäubung, *f.*, allogamy.
Frischgewicht, *n.*, green weight, fresh weight.
Froschbiss, *m.*, frog's bit, *Hydrocharis sp.*
Froschlöffel, *m.*, water plantain, *Alisma plantago.*
Frostblase, *f.*, frost blister.
Frucht, *f.*, fruit.
Fruchtanfang, *m.*, commencement of fructification.
Fruchtansatz, *m.*, setting of fruits.
fruchtbar, *a.*, fertile.
Fruchtbecher, *m.*, cupule.
Fruchtbehälter, *m.*, conceptacle.
Fruchtblatt, *n.*, carpel, macrosporophyll.
Fruchtboden, *m.*, receptacle.
Fruchtbrand, *m.*, head-smut.
Früchtchen, *n.*, single part of apocarpous fruit.
Fruchtfach, *n.*, locule.
Fruchtfaden, *m.*, filamentous sporophore, simple sporophore.
Fruchthäufchen, *n.*, sorus.
Fruchthaut, *f.*, pericarp.
Fruchthülle, *f.*, receptacle of Bryophytes.

Fruchthypha, *f.*, paraphysis, simple sporophore.
Fruchtkapsel, *f.*, sporocarp.
Fruchtkätzchen, *n.*, catkin.
Fruchtkelch, *m.*, calyx (Bryophytes).
Fruchtklappe, *f.*, valve (Bryophytes).
Fruchtknöllchen, *n.*, archegoniophore (of Anogramme).
Fruchtknopf, *m.*, venter of archegonium.
Fruchtknoten, *m.*, ovary.
Fruchtknotenwandung, *f.*, ovary wall.
Fruchtknotenwulst, *f.*, gynobase.
Fruchtkörper, *m.*, fruitbody; compound sporophore.
Fruchtkörperanlage, *f.*, young fructification; primordium of fruit-body, receptacle.
Fruchtlager, *n.*, hymenium.
Fruchtsäulchen, *n.*, columella.
Fruchtschale, *f.*, pericarp.
Fruchtschicht, *f.*, sporogenous layer.
Fruchtschnabel, *m.*, beak.
Fruchtschuppe, *f.*, cone scale.
Fruchtschwanz, *m.*, cauda.
Fruchtstand, *m.*, fructification.
Fruchtstiel, *m.*, seta of moss, pedicel.
Fruchtträger, *m.*, sporophore (of fungi).
Fruchtungskern, *m.*, fertilized egg, syncarpium; fusion nucleus.
Fruchtungsvermögen, *n.*, fertility.
Fruchtwand, *f.*, pericarp.
Fruchtwechsel, *m.*, crop rotation.
Fruchtzweig, *m.*, fertile branch.
Frühholz, *n.*, spring wood.
Frühlingsholz, *n.*, spring wood.
Frühlingskreuzkraut, *n.*, groundsel, *Senecio vernalis*.
Frühtreiberei, *f.*, forcing.
Fuchsschwanz, *m.*, foxtail grass.
Fuchsschwanzgewächse, *n. pl.*, Amaranthaceae.
Fuchsschwanzgräser, *n. pl.*, Alopecuroidae.
Fugenfläche, *f.*, commissure.
Fugenwandlage, *f.*, apostrophe.
Fühlborste, *f.*, tactile bristle.
Fühlhaar, *n.*, tactile hair.
Fühlpapilla, *f.*, tactile papilla.
Fühltüpfel, *m.*, tactile pit.
Füllgewebe, *n.*, plerome.
Füllgewebe der Lenticelle, complementary tissue of lenticel; chloriphelloid.
Füllung der Blüte, increase in the showy part of the flower.
Füllung der Träger, filling between the girdles.
Füllzelle, *f.*, complementary cell.
fussförmig, *a.*, pedate.
fussnervig, *a.*, pedately veined.
Fussstock, *m.*, basal portion of foot of hair.
Futterbohne, *f.*, horse bean.
Futtergewächs, *n.*, forage plant.
Futterhaar, *n.*, feeding hair (in orchids).
Futterpflanze, *f.*, forage plant.
Futterrübe, *f.*, turnip.

G

Gabel, *f.*, fork, dichotomous tendril.
Gabelbasidium, *n.*, forking basidium.
gabelförmig, *a.*, forked, dichotomous.
Gabelgewächse, *n. pl.*, Myricaceae.
Gabelhaar, *n.*, branching hair; dichotomous hair.
Gabelung, *f.*, dichotomy, forking.
Gabelzotte, *f.*, shaggy forking hair.
Gallenblüte, *f.*, gall flower.
Gallenholz, *n.*, gall in wood.
Gallenrinde, *f.*, epidermis of gall.

Gallertanhängsel, *n.*, gelatinous appendage.
gallertartig, *a.*, gelatinous.
Gallertfilz, *m.*, gelatinous felt.
Gallertflechte, *f.*, gelatinous lichen.
Gallertgewebe, *n.*, gelatinous tissue.
Gallerthülle, *f.*, gelatinous envelope.
Gallertsäure, *f.*, pectic acid.
Gallertspore, *f.*, gelatinous spore.
Gallertstiel, *m.*, gelatinous stalk (diatoms).
Gallussäure, *f.*, gallic acid.
Gänseblume, *f.*, daisy.
Gänsediestel, *f.*, sow thistle, *Sonchus sp.*
Gänsefuss, *m.*, pigweed, *Chenopodium album.*
Gänsefussgewächse, *n. pl.*, Chenopodiaceae.
Ganzholz, *n.*, round timber.
ganzrandig, *a.*, entire-margined.
Ganzschmarotzer, *m.*, holo-parasite.
Gartenbau, *m.*, horticulture; landscape gardening.
Gartendiestel, *f.*, artichoke, *Cynara sp.*
Gartenkerbel, *m.*, chervil *Anthriscus cerefolium.*
Gartenkresse, *f.*, pepper grass, *Lepidium sativum.*
Gärung, *f.*, fermentation.
Gasentbindungsflasche, *f.*, gas generator.
Gattung, *f.*, genus.
Gattungsbastard, *m.*, genus hybrid.
Gauchheil, *m.*, *Anagallis arvensis; Prunella vulgaris.*
Gaumen, *m.*, palate.
geadert, *a.*, veined.
Geäst, *n.*, branches.
gebirgskammähnlich, *a.*, serrate.
gebuckelt, *a.*, umbonate.
Gebüsch, *n.*, shrubbery, brush.
gedrängt, *a.*, crowded.
gedrängter Rasenbildner, plants growing in dense non-spreading clumps.
gedreht, *a.*, contorted.
gedreit (Blatt), *a.*, trifoliate.
gefächerter Fruchtknoten, chambered ovary.
gefaltete Knospenlage, plicate vernation.
Gefässbau, *m.*, vascular structure.
Gefässbündel, *n.*, vascular bundle.
Gefässbündelscheide, *f.*, bundle sheath.
Gefässbündelverlauf, *m.*, course of vascular bundles.
Gefässglied, *n.*, individual segment of a vessel.
Gefässpflanze, *f.*, vascular plant.
Gefässteil, *m.*, hadrome.
gefeldert, *a.*, having an areolate surface.
gefiedert, *a.*, pinnate.
gefingert, *a.*, digitate.
geflammt, *a.*, mottled.
geflammter Holzkörper, the watered, rippled or flame-like grouping of wood elements.
Geflecht, *n.*, plexus.
gefranzt, *a.*, fimbriated, fringed.
Gefrierpunkt, *m.*, freezing point.
Gefrierpunktserniedrigung, *f.*, lowering of freezing point.
Gefüge, *n.*, texture.
gefüllte Blüte, double flower.
gefurcht, *a.*, sulcate.
Gegenfärbung, *f.*, contrast staining.
Gegenfüsslerin, *f.*, antipode.
gegenläufig, anatropous.
gegenständig, *a.*, opposite.
Gegenstoff, *m.*, antibody.
gegittert, *a.*, cancellate, latticed.
gegliedert, *a.*, articulate.
gegürtelt, *a.*, zonate.
gehäuft, *a.*, aggregate.
Gehäuse *n.*, perithecium.
Gehilfin, *f.*, synergid.
Geholz, *n.*, wood, woodland.
gehörntfrüchtig, *a.*, corniculate.

geigenförmig, *a.*, panduriform.
Geilstelle, *f.*, area of rank growth.
Geissblatt, *n.*, honeysuckle.
Geissblattgewächse, *n. pl.*, Caprifoliaceae.
Geissel, *f.*, cilium.
Geisselbüschel, *n.*, cluster of cilia.
Geissfusspfropfen, *n.*, cleft grafting.
Geissraute, *f.*, *Galega officinalis.*
gekerbt, *a.*, crenate.
geknickt, *a.*, geniculate.
gekoppeltes Merkmal, linked character.
gekreuzt, *a.*, decussate.
gekrümmt, *a.*, campylotropous; bent.
gelappt, *a.*, lobed.
Gelbklee, *m.*, alsike clover.
Gelbkraut, *n.*, *Reseda Luteola.*
Gelbsprenkelung, *f.*, aurigo.
Geleitzelle, *f.*, companion cell.
Gelenkhaar, *n.*, hinged hair.
gelenkig, *a.*, articulate.
Gelenkknoten, *m.*, joint-like node.
Gelenkpolster, *n.*, pulvinus.
Gelenkranke, *f.*, jointed tendril.
Gelenkstreifen, *m.*, hinge cell (in grass leaf).
Gelenkzelle, *f.*, hinge cell.
Gemeinfrucht, *f.*, carcerule.
gemeinjährig, *a.*, mean annual.
gemeinverständlich, *a.*, popular.
gemischt, *a.*, diffused, mixed.
gemischte Knospe, mixed bud.
Gemüse, *n.*, vegetable.
Gemüsebau, *m.*, vegetable growing.
genabelt, *a.*, umbilicate.
Generationswechsel, *m.*, alternation of generations.
genetische Spirale, *f.*, ground spiral.
geradläufig, *a.*, orthotropous.
gerandet, *a.*, emarginate.
Gerberstrauchgewächse, *n. pl.*, Coriariaceae.
Gerbsäure, *f.*, tannic acid.
Gerbstoffbehälter, *m.*, tannin sac.
Gerbstoffschlauch, *m.*, tannin sac.
Gerbstoffzelle, *f.*, tannin cell.
geringelt, *a.*, annular.
gerinnelt, *a.*, canaliculate.
gerippt, *a.*, costate.
Germer, *m.*, false hellebore, *Veratrum album.*
Gerste, *f.*, barley.
Gerstenflugbrand, *m.*, covered smut of barley.
Gerüst, *n.*, reticulum.
Gerüsttheorie, *f.*, reticular theory.
gesägt, *a.*, serrate.
Gesamtendoderm, *f.*, endoderm surrounding entire stele.
geschichtet, *a.*, stratified.
geschindelte Knospendeckung, imbricate aestivation.
geschlängelt, *a.*, tortuous.
Geschlechterspaltung, *f.*, separation of sex.
Geschlechterumschlag, *m.*, alternation of sex among unisexual plants.
geschlechtliche Fortpflanzung, sexual reproduction.
Geschlechtschromosom, *m.*, sex chromosome.
geschlechtslos, *a.*, agamic.
Geschlechtsumschlag, *m.*, alternation of sex among unisexual plants.
Geschlechtsverwandlung, *f.*, sex modification.
geschlossen, *a.*, crowded, dense, closed.
geschlossenes Gefässbündel, closed bundle.
geschlossenes Polster, dense cushion.
Geschwisterkreuzung, *f.*, adelphogamy; sib-mating.
gesellige Pflanze, *f.*, gregarious plant.
gespalten, *a.*, fissile.
gespreiztarmig, *a.*, spreading (spongy parenchyma cells).
gesprenkelt, *a.*, adspersed.
Gestaltfakter, *m.*, size factor.

Gestaltung, *f.*, formation.
gestauchter Kurztrieb, short shoot.
Gesteinaufschliessung, *f.*, the rendering available of rock material for plant growth.
Gesteinpflanze, *f.*, plant growing on rocks.
gestielt, *a.*, pedunculate, stipitate.
Gesträuch, *n.*, shrubbery; bushes.
gestreift, *a.*, striate.
gestrichelt, *a.*, linear.
Gestrüpp, *n.*, bushes, tangled growth.
geteilt, *a.*, parted.
Getreidebrand, *m.*, cereal smut.
Getreiderost, *m.*, cereal rust.
Getrenntgeschlechtigkeit, *f.*, dicliny.
getrenntläufiges Gefässbündel, bundle running separately without fusion with others.
getropft, *a.*, guttate.
getüpfelt, *a.*, pitted, punctate.
Gewächshaus, *n.*, greenhouse.
Gewächskunde, *f.*, botany.
Gewebe, *n.*, tissue.
Gewebelehre, *f.*, histology.
Gewebespannung, *f.*, tissue tension.
Gewebeverband, *m.*, tissue.
gewimpert, *a.*, fringed.
Gewohnheitsrasse, *f.*, biologic species.
gewunden, *a.*, contorted.
gewürfelt, *a.*, tasselate.
gezähnt, *a.*, denticulate, dentate.
Gezweige, *n.*, aggregate of branches.
Giesskannenschimmel, *m.*, fungus with conidia in chains on short conidiophores radiating from a swollen head.
Giftlattich, *m.*, *Lactuca virosa.*
Ginster, *m.*, *Genista sp.*
Gipfel, *m.*, summit; tree-top, apex.
Gipfelähre, *f.*, terminal spike.
Gipfelblüte, *f.*, terminal flower.
Gipfeldürre, *f.*, dying of tree-tops; stag-headedness.
gipfelförmig, *a.*, fastigiate.
Gipfelholz, *n.*, top branches or twigs.
Gipfeltrieb, *m.*, leader.
gitterförmig, *a.*, retiform, trellised.
Gittertüpfel, *m. pl.*, closely crowded pits.
Glanzgras, *n.*, canary grass, *Phalaris sp.*
glasartig, *a.*, vitreous.
glasig, *a.*, hyaline.
glatt, *a.*, glabrous, smooth.
gleichblätterig, *a.*, aequipetalous.
gleichfarbig, *a.*, concolor.
Gleitbewegung, *f.*, sliding motion.
gleitendes Wachstum, sliding growth.
Gliederborste, *f.*, articulate bristle.
Gliederfrucht, *f.*, loment.
Gliederhaar, *n.*, articulate hair.
Gliederhülse, *f.*, loment.
Gliederschote, *f.*, biloment.
Gliederzelle, *f.*, articulate cell.
Glockenblume, *f.*, bellflower, *Campanula sp.*
Glockenblumengewächse, *n. pl.*, Campanulaceae.
Gnadenkraut, *n.*, hedge hyssop. *Gratiola sp.*
Goldhafer, *m.*, *Avena flavescens.*
Goldregen, *m.*, broom, *Cystisus laburnum.*
Goldrute, *f.*, goldenrod, *Solidago sp.*
Götterbaum, *m.*, tree of heaven.
Granatäpfelgewächse, *n. pl.*, Punicaceae.
Granitblockmoos, *n.*, moss of granite erratics.
Granne, *f.*, awn.
grannenförmig, *a.*, aristate.
Grasblattpolster, *n.*, node.
Grasebene, *f.*, savanna.
Gräser, *n. pl.*, Gramineae.
Grasflur, *f.*, mountain park.
Grasfrucht, *f.*, caryopsis.
Grasheide, *f.*, prairie.
Grasmoor, *n.*, lowland meadow.
Grasnarbe, *f.*, turf.

Grassteppe, *f.*, prairie, savanna.
Graswurzel, *f.*, quack-grass.
Grenzconcentration, *f.*, threshold concentration.
Grenzhäutchen, *n.*, tertiary lamella, inner layer of cell wall.
Grenzschicht der Samenanlage, innermost layer of nucellus (of sympetalous dicots).
Grenzzelle, *f.*, heterocyst.
Griff, *m.*, adhesive disk.
Griffel, *m.*, style.
Griffelbürste, *f.*, stylar brush.
Griffelcanal, *m.*, conducting tissue of style.
Griffelhaar, *n.*, stylar hair.
Griffelpolster, *n.*, stylopod.
Griffelsäule, *f.*, column, style.
Griffelzelle, *f.*, manubrium.
Griffzelle, *f.*, external tubular cell (Chara).
Grinde, *f.*, bog.
grobfaserig, *a.*, coarse-grained.
grossgrübig, *a.*, lacunate.
Grossspore, *f.*, macrospore.
Grübchen, *n.*, small pit.
Grube, *f.*, fovea.
Grünästung, *f.*, heading-in of green branches.
Grünblütigkeit, *f.*, chloranthy.
Grundachse, *f.*, rhizome.
Grundeigenschaft, *f.*, fundamental character.
Grundfeste, *f.*, hawk's beard, *Crepis virens.*
Grundfeuchtigkeit, *f.*, soil moisture.
Grundform, *f.*, original type, fundamental type.
Grundgewebe, *n.*, fundamental tissue.
Grundmeristem, *n.*, fundamental meristem.
Grundprotoplasm, *n.*, ground substance of protoplasm.
Grundquadrat, *n.*, endothecium.
Grundriss, *m.*, fundamentals.
Grundspirale, *f.*, genetic spiral.
grundständig, *a.*, sessile.
grundständige Placenta, free central placenta.
Grundwasserspiegel, *m.*, water table.
grüner Halbschmarotzer, *m.*, semiparasite.
Grünfäule, *f.*, green rot.
Grünholz, *n.*, green heart.
Grünlandsmoor, *n.*, fen.
Gummifluss, *m.*, gummosis.
Gummiharz, *n.*, gum-resin.
Gurke, *f.*, cucumber.
Gürtelschorf, *m.*, zonate deep scab.

H

Haarbüschel, *n.*, coma.
haarfaserig, *a.*, filamentous.
Haarflieger, *m.*, seeds or fruits with hair-like flying organs.
haarförmig, *a.*, piliform.
Haargeflecht, *n.*, capillitium.
Haargitter, *n.*, nectar guide; barrier to pollen robbers.
Haargrübchen, *n.*, crypto-stomate.
haarig, *a.*, pilose.
Haarkelch, *m.*, pappus.
Haarreuse, *f.*, nectar guide.
Haarstrang, *m.*, *Peucedanum officinale.*
Haarüberzug, *m.*, covering of hairs.
Haarwarze, *f.*, wart of hairs.
Habichtskraut, *n.*, hawkweed.
hadrocentrisches Gefässbündel, amphicribral bundle.
Hafer, *m.*, oats.
Haferbrand, *m.*, oat smut.
Hafergras, *n.*, oat grass.
Haferwurzel, *f.*, salsify.
Haftballen, *m.*, adhesive disk.
Haftblase, *f.*, appressorium.
Haftdolde, *f.*, *Turgenia latifolia.*
Haftdruck, *m.*, adhesive pressure.

Haftfaser, *f.*, rhizoid.
Haftorgan, *n.*, holdfast; appressorium.
Haftscheibe, *f.*, adhesive disk, discoid holdfast, sucker, attachment disk.
Haftscheibenranke, *f.*, tendril terminating in an adhesive disk.
Haftwurzel, *f.*, holdfast, rhizoid, anchoring root.
Hagebuche, *f.*, hornbeam, *Carpinus sp.*
Hahnenfuss, *m.*, buttercup, *Ranunculus sp.*
Hahnenkamm, *m.*, *Celosia sp.*
Haidekraut, *n.*, heather, *Calluna sp.*
Hainbuche, *f.*, hornbeam, *Carpinus sp.*
Hakenborste, *f.*, hooked bristle.
Hakenhaar, *n.*, hooked hair; barbed hair.
Hakenkiefer, *f.*, *Pinus uncinata.*
Hakenkletterer, *m.*, plant climbing by means of modified thorns.
hakig gekrümmt, *a.*, aduncate.
Halbbürger, *m.*, denizen.
Halbfach, *n.*, broad-leaved palm foliage.
Halbfäulnisbewohner, *m.*, semi-saprophyte.
Halbflechte, *f.*, semi-lichen.
Halbfrucht, *f.*, semi-fruit (where axis forms part of the fruit), accessory fruit.
Halbholz, *n.*, tree-trunk split lengthwise.
Halbkugel, *f.*, hemisphere.
Halbschattenbolzart, *f.*, semi-shade tree.
Halbschmarotzer, *m.*, semi-parasite.
Halbspaltpropfen, *n.*, cleft grafting with split down one side.
halbstielrund, *a.*, semi-terete.
Halbstrauch, *n.*, undershrub.
halbunterständig, *a.*, semi-inferous.
halbwalzig, *a.*, semi-cylindrical.
Halbwüste, *f.*, semi-desert.
Halm, *m.*, culm, haulm.
Halmfrucht, *f.*, cereal.
Halmknoten, *m.*, node (of grass).
Hals, *m.*, neck; beak.
Halskanalzelle, *f.*, neck canal cell.
handförmig, *a.*, palmate.
Handhabe, *f.*, manubrium.
handnervig, *a.*, palmately veined.
Hanf, *m.*, hemp.
Hängeblütige, *f. pl.*, Penduliflorae.
Hängenbleiben (Blätter), *n.*, retention of leaves.
hängend, *a.*, pendulous; weeping.
hantelförmig, *a.*, dumb-bell-shaped.
Harnstoff, *m.*, urea.
Hartbast, *m.*, hard bast; fibers and stone cells of cortex, phloem or pericycle.
Hartlaubgehölz, *n.*, hardwood trees.
Hartriegel, *m.*, dogwood, *Cornus sp.*
Hartriegelgewächse, *n. pl.*, Cornaceae.
Hartschale, *f.*, intine of oöspore.
Hartschicht, *f.*, stony layer of seed testa.
Harzbehälter, *m.*, resin canal.
Harzbeule, *f.*, resin lake, bubble or cavity.
Harzdrüse, *f.*, resin gland.
Harzfichte, *f.*, pitch pine.
Harzfluss, *m.*, resinosis.
harzig, *a.*, resinous.
Harzröhre, *f.*, resin duct.
Harzsticke, *f.*, resin flux.
Harzüberfülle, *f.*, resin flux.
Harzzelle, *f.*, resin cell or cavity.
Haselnuss, *f.*, filbert, *Corylus sp.*
Haselwurz, *f.*, wild ginger, *Asarum europaeum.*
Hasenklee, *m.*, trefoil.
Hasenkohl, *m.*, wood sorrel, *Oxalis acetosella.*
Haube, *f.*, calyptra.
Hauptachse, *f.*, main axis.
Hauptachselproduct, *n.*, leader.
Hauptformation, *f.*, formation.

Hauptholzart, *f.*, prevailing species.
Hauptkeimbahn, *f.*, principal germ track.
Hauptnerv, *m.*, main vein, midvein.
Hauptrippe, *f.*, midrib, primary rib.
Hauptschnitt, *m.*, median longitudinal cut.
Hauptspross, *m.*, leader.
Haupttrieb, *m.*, leading shoot.
Hauptwurzel, *f.*, tap root, main root.
Hausschwamm, *m.*, dry rot fungus.
Hautbildungsgewebe, *n.*, dermatogen.
Hautdrüse, *f.*, integumental gland, epidermal gland.
Hautfetzen, *m.*, scale.
Hautgelenk, *n.*, hinge.
Hautgewebe, *n.*, dermal tissue.
häutig, *a.*, membranous.
Hautschicht, *f.*, plasma membrane.
Hautsystem, *n.*, dermal tissue.
Heckenholz, *n.*, dwarfed wood.
Hefe, *f.*, yeast.
Hefesprossung, *f.*, yeast-like budding.
Heide, *f.*, heather.
Heidekrautgewächse, *n. pl.*, Ericaceae.
Heidelbeere, *f.*, billberry, blueberry, huckleberry.
Heissluftbeize, *f.*, hot air treatment.
Heisswasserbeize, *f.*, hot water treatment.
Heidemoor, *n.*, peat bog.
Heidetorf, *m.*, peat.
Hemmungsbildung, *f.*, hypoplasia.
Herbstholz, *n.*, summer-wood.
Herbstlaubfall, *m.*, autumnal leaf-drop.
Herbstlöwenzahn, *m.*, fall dandelion, *Leontodon autumnale.*
Herbstrose, *f.*, hollyhock.
Herbstzeitlose, *f.*, meadow saffron, *Colchicum autumnale.*
Herkunft, *f.*, origin.
herzförmig, *a.*, cordate.
Herzwurzel, *f.*, tap root.
heterobarisch, *a.*, term applied to intercellular spaces which close against each other hermetically.
heteroplastische Entwicklung, indirect development.
heteroplastische Luftknolle, aerial tuber consisting of one internode only.
heterogene Zeugung, heterogenesis.
heterogenische Befruchtung, cross fertilization.
heterogenische Bestäubung, cross pollination.
heterogenische Variation, mutation.
Hexenbesen, *m.*, witch's broom.
Hexenring, *m.*, fairy ring.
Hibernakel, winter bud of water plant.
Himmbeere, *f.*, raspberry.
Himmelsgerste, *f.*, naked barley.
Himmelsleitergewächse, *n. pl.*, Polemoniaceae.
Himmelsschlüssel, *m.*, primrose, *Primula sp.*
hinter-, *a.*, postical.
Hinterhof, *m.*, inner cavity (of stomate).
hintumläufig, *a.*, opisthodromous.
hinzukommend, *a.*, adventitious.
Hiobsträhne, *f.*, *Coix lacryma.*
Hirnfläche, *f.*, cross section.
hirschgeweihartig, *a.*, antler-shaped.
Hirse, *f.*, *Panicum sp.*
Hirtentäschel, *n.*, penny cress, *Thlaspi arvensis.*
Hitzelaubfall, *m.*, leaf drop due to heat.
Hochblatt, *n.*, hypsophyll; bract; spathe; subtending leaf.
hochblattartig, *a.*, bracteal.

Hochblattregion, *f.*, bracteal region.
Hochblattstamm, *m.*, thalamus.
Hochkultur, *f.*, culture of fungus at optimum state for taxonomic study.
Hochmoor, *n.*, sphagnum bog; high moor.
Hochstaudenverein, *m.*, meadow occupied by dicots.
Hochwald, *m.*, forest.
Hochzucht, *f.*, selection inside of a pure line.
höckerig, tuberculate.
höckerigaufgeblasen, *a.*, apophysate.
Hof, *m.*, area (Isoëtes).
Hoftüpfel, *m.*, bordered pit.
Höhentrieb, *m.*, annual height increment.
Hohldruck, *m.*, fossil, cast.
hohlsamig, *a.*, coelospermous.
Hohlschuppe, *f.*, scale in throat of corolla.
Hollunder, *m.*, elder, *Sambucus sp.*
Holz, *n.*, timber; wood; xylem.
Holzader, *f.*, vein of wood.
Holzapfel, *m.*, crab apple.
holzartig, *a.*, ligneous.
Holzaschenlauge, *f.*, lye.
Holzelement, *n.*, xylem element.
hölzern, *a.*, ligneous.
Holzfaser, *f.*, wood-fiber.
Holzgewächs, *n.*, woody plant.
Holzkirsche, *f.*, wild cherry.
Holzkörper, *m.*, xylem.
Holzlamella, *f.*, lignified lamella.
Holzmarkstrahl, *m.*, medullary ray in wood.
Holzpflanze, *f.*, woody plant.
Holzpore, *f.*, vessel.
Holzrose, *f.*, type of gall, wood-rose.
Holzstaude, *f.*, low woody plant with annual flowering shoot.
Holzteerbrühe, *f.*, wood tar.
Holzzelle, *f.*, tracheid.
homobarisch, *a.*, (Blatt), all intercellular spaces of the leaf connected with each other.
homokline Bestäubung, autogamy.
Honigblatt, *n.*, nectary.
Honigblume, *f.*, nectar-bearing flowers without a colored perianth.
Honigdrüse, *f.*, nectary.
Honiggras, *n.*, velvet grass, *Holcus lanatus.*
Honigkrug, *m.*, honey cup.
Honigtau, *m.*, honey dew.
Hopfen, *m.*, hop.
Hopfenbuche, *f.*, hophornbeam, *Ostrya sp.*
Hornendosperm, *n.*, horny endosperm.
Hornklee, *m.*, bird's-foot trefoil, *Lotus corniculatus.*
Horst, *m.*, small wood lot.
Hüllblatt, *n.*, involucral leaf, rosette (in mosses).
Hüllblättchen, *n.*, involucral leaf.
hüllblätterig, *a.*, involucral.
Hüllchen, *n.*, involucrum.
Hülle, *f.*, integument; involucre; peridium.
hüllförmig, *a.*, involucriform.
Hüllfrucht, *f.*, angiocarp.
Hüllgewebe, *n.*, periblem, tissue of the envelope.
Hüllkätzchenträger, *m.*, cupuliferous plant.
Hüllkelch, *m.*, involucre; calyculus.
Hüllschläuche, *m. pl.*, spiral jacket cells (of oögonium in Chara).
Hüllspelze, *f.*, empty glume.
hüllständig, *a.*, involucral.
Hülse, *f.*, legume.
Hülsenbaum, *m.*, locust tree.
Hülsenfrüchtler, *m. pl.*, Leguminosae.
Hülsengewächs, *n.*, leguminous plant.
Hülsenkapsel, *f.*, cyamium.
Hülsenkranz, *m.*, involucre of husks.
Hülsenträger, *m. pl.*, Leguminosae.
Hummelblume, *f.*, flower pollinated by bumble-bees.

Humusanzeiger, *m.*, plant which requires organic material in the soil.
Humusbewohner, *m.*, plant growing on humus soil.
Humuszehrer, *m.*, plant growing on humus.
Hundsdolde, *f.*, fool's parsley, *Arethusa cynapium.*
Hundsgleisse, *f.*, fool's parsley, *Arethusa cynapium.*
Hundskamille, *f.*, chamomile, *Anthemis cotula.*
Hundsrose, *f.*, wild brier; dog rose.
Hundswürger, *m.*, *Cynanchum vincetoxicum.*
Hundszunge, *f.*, hound's tongue, *Cynoglossum officinale.*
Hungerstoffwechsel, *m.*, metabolism during starvation of plant.
Hut, *m.*, pileus, cap.
Hutanlage, *f.*, primordium of the pileus.
Hutoberfläche, *f.*, surface of pileus.
Hutpilz, *m.*, mushroom.
Hydathodenstrom, *m.*, excretion current.
hydrostatischer Druck, *m.*, hydrostatic pressure; cell turgor.
Hymenialdrüse, *f.*, cystidium.
Hymenopterenblume, *f.*, flower pollinated by bees.
Hyphengewebe, *n.*, plectenchyma.
Hyphenhaut, *f.*, membrane of hyphal tissue.
Hyphenschlauch, *m.*, hyphal tube.
Hyphensprossung, *f.*, hyphal budding.
hypothalisches Anhangsorgan, a form of prothallus.

I

Igelsamen, *m.*, stickseed, *Echinospermum Lappula.*
Ikterus, *m.*, chlorosis.
Imbibitionsbewegung, *f.*, imbibition movement.
Immenfalterblume, *f.*, flower pollinated by bees or butterflies.
immergrüner Laubwald, evergreen angiosperm forest.
Impressionszeit, *f.*, presentation time.
Individualzüchtung, *f.*, individual selection.
indoloider Blumenduft, flower odor derived from decomposition of N-substances.
Inductionszeit, *f.*, latent period of induction, the time required to take up a stimulus and respond to it.
Infectionsfaden, *m.*, infection hypha, germ tube.
Infectionschlauch, *m.*, infection thread.
Initiale, *f.*, apical cell.
Initialstrang, *m.*, procambium strand.
Initialzelle, *f.*, initial cell.
Inkarnatklee, *m.*, crimson clov
Innengalle, *f.*, inner tissue highly specialized gall.
Innenhaut, *f.*, middle lamella.
Innenrinde, *f.*, secondary ba phloem containing peride layers, secondary "cortex."
innenwendige Samenanlage, i trorse ovule.
innere Anpassung, physiologica adaptation.
innere Atemhöhle, inner stomatal cavity.
innere Ausgestaltung, internal development.
innere Plasmahaut, vacuolar membrane, tonoplast.
innere Streifung, internal striation (of epidermal wall).
inneres Wachstum, formative growth.

Insektenblütler, *m. pl.*, Entomogamae.
insektenfressend, *a.*, carnivorous.
Insektentäuschblume, *f.*, flower attracting insects by false nectaries.
Insertionsfläche, *f.*, plane of insertion.
Intercostalfeld, *n.*, intercostal plane.
Interfilarmasse, *f.*, filar substance.
interponiert, *a.*, interpolated.
Interspecialkampf, *m.*, interspecies struggle.
Interstitialstreifen, *m.*, interstice, small intercellular space.
Inversionsgeschwindigkeit, *f.*, inversion velocity.
Inzucht, *f.*, endogamy, inbreeding.

J

Jahresperiode, *f.*, annual period of growth, present year's growth.
Jahresring, *m.*, annual ring.
Jahrestrieb, *m.*, present year's growth.
Jahreszuwachs, *m.*, annual growth.
Johannisbeere, *f.*, currant.
Johanniskraut, *n.*, St. John's wort, *Hypericum perforatum.*
Johanniskrautgewächse, *n. pl.*, Guttiferae.
Johannistrieb, *m.*, rapidly growing shoot developing from the present year's buds after a short period of rest.
Jugend, *f.*, the life of a plant from time of germination to flowering.
Jugendblatt, *n.*, protophyll, leaf of seedling form.
Jugendform, *f.*, juvenile form.
Jungkultur, *f.*, a young culture (of fungi, etc.).

K

German words of Latin or Greek derivation beginning with Ka, Ko, or Ku if not found here, should be looked for under the letter C.
Käferblume, *f.*, flower pollinated by beetles.
Kahlhiebwirtschaft, *f.*, clear-cutting system.
Kahmhaut, *f.*, zoögloea.
Kalk, *m.*, lime.
Kalkausfüllung, *f.*, plug of lime.
Kalkboden, *m.*, calcareous soil.
Kalkdrüse, *f.*, chalk gland.
Kalkfeidlichkeit, *f.*, aversion to lime.
Kalkmeident, *a.*, avoiding calcareous soil.
Kalkmilch, *f.*, milk of lime.
Kalksteingebiet, *n.*, limestone region.
Kalkzeiger, *m.*, plant indicating by its soil preference, limy soil.
Kältereiz, *m.*, low temperature stimulus.
Kältestarre, *f.*, rigor due to low temperature.
Kalthefe, *f.*, wild yeast.
Kamille, *f.* (unechte), *Pyrethrum inodorum.*
Kamin, *m.*, chimney (of xerophytic stomate).
Kamm, *m.*, crest, ridge.
Kammerfaser, *f.*, septate fiber.
Kammerwand, *f.*, trama plate.
Kampf ums Dasein, struggle for existence.
Kanne, *f.*, pitcher; ascidium.
kannenförmig gewimpert, pectinately fringed.
Kannenpflanze, *f.*, pitcher plant.
Kantholz, *n.*, squared timber.

kantig, *a.*, angular.
Kapitalist, *m.*, insect-pollinated plant.
kappenförmig, *a.*, cucullate.
Kappenzelle, *f.*, cap-cell (of archegonium or antheridium).
Kapsel, *f.*, capsule.
Kapselhals, *m.*, apophysis.
kapuzenförmig, *a.*, hood-like.
kapuzienerkresse, *f.*, *Tropacolum majus.*
Karbolsäure, *f.*, phenol, carbolic acid.
Karde, *f.*, teasel.
Kardengewächse, *n. pl.*, Dipsacaceae.
Kartoffel, *f.*, potato.
Kartoffelbauversuch, *m.*, potato culture experiment.
Kartoffelkrebs, *m.*, potato wart.
Kartoffelschorf, *m.*, potato scab.
Käsepappel, *f.*, mallow, *Malva sylvestris.*
Käsepappelgewächse, *n. pl.*, Malvaceae.
Kastanie, *f.*, chestnut.
Kataphylla, *n.*, bract.
Kataplasia, *f.*, hypertrophy which is not due to overnutrition.
Kataplasma, *n.*, cataplastic gall.
kataplastisch, *a.*, cataplastic.
Kätzchen, *n.*, ament, catkin.
kätzchenblätterig, *a.*, amentiferous.
Kätzchenform, *f.*, catkin-like form.
kätzchentragend, *a.*, amentaceous.
Katzenklee, *m.*, rabbit foot clover, *Trifolium arvense.*
Katzenminze, *f.*, catnip, *Nepeta sp.*
kegelförmig, *a.*, conical.
Keilpfropfen, *n.*, cleft-grafting.
Keim, *m.*, embryo, germ.
Keimbahn, *f.*, germ track.
Keimbläschen, *n.*, egg apparatus.
Keimblatt, *n.*, cotyledon.
keimblattlos, *a.*, acotyledonous.
Keimblattstamm, *m.*, fundament.
Keimchen, *n.*, gemmule.
Keimdauer, *f.*, duration of germination.
keimen, *v.*, to germinate.
Keimfähigkeit, *f.*, capability of germination, viability.
Keimgewebe, *n.*, nucellus.
Keimhaut, *f.*, plastoderm.
Keimkern, *m.*, nucleus of fertilized egg.
Keimknospe, *f.*, ovule.
Keimkorn, *n.*, brood cell (liverworts).
Keimkraft, *f.*, germinating power.
Keimling, *m.*, seedling.
Keimmund, *m.*, micropyle.
Keimmundnarbe, *f.*, cicatricula.
Keimpflanze, *f.*, seedling, embryo.
Keimplasma, *n.*, germplasm.
Keimpore, *f.*, germ pore.
Keimprüfung, *f.*, germination test.
Keimsack, *m.*, embryo sac.
Keimscheibe, *f.*, germ disk.
Keimscheide, *f.*, coleoptile.
Keimschlauch, *m.*, germ-tube.
Keimstück, *n.*, outer wall of protonema.
keimtötend, *a.*, germicidal.
Keimung, *f.*, germination.
keimungauslösend, *a.*, releasing the process of germination.
Keimungsbedingung, *f.*, condition required for germination.
Keimverzug, *m.*, delayed germination.
Keimwurzel, *f.*, radicle.
Keimzelle, *f.*, germ cell.
Kelch, *m.*, calyx.
Kelchabschnitt, *m.*, calyx lobe.
Kelchachsensporn, *m.*, spur of calyx.
Kelchbecher, *m.*, receptacle of perigynous flower.
Kelchblatt, *n.*, sepal.
Kelcheinsatz, *m.*, insertion of calyx.
kelchlos, *a.*, acalyculate.
Kelchröhre, *f.*, calyx tube.
Kelchsaum, *m.*, lobe of gamosepalous calyx.

Keratenchym, *n.*, obliterated sieve-tube strands in secondary phloem.
Kermesbeere, *f.*, poke weed.
Kermesbeerengewächse, *n. pl.*, Phytolaccaceae.
Kern, *m.*, nucleus.
Kernfaden, *m.*, nuclear thread, chromatin thread.
kernfaul, *a.*, rotten at the core.
Kernfrucht, *f.*, seed fruit of apples.
Kerngerüst, *n.*, nuclear reticulum.
Kernhauskammer, *f.*, locule, chamber of ovary.
Kernhöhle, *f.*, nuclear vacuole.
Kernholz, *n.*, heartwood.
Kernkörperchen, *n.*, nucleolus.
Kernlage, *f.*, systrophe.
Kernpaarung, *f.*, pairing of nuclei.
Kernpilze, *n. pl.*, Hypocreaceae.
Kernplatte, *f.*, aequatorial plate.
Kernsaft, *m.*, nuclear sap.
Kernscheide, *f.*, endodermis.
Kernspindel, *f.*, nuclear spindle.
Kernstäbchen, *n.*, chromosome.
Kernteilung, *f.*, nuclear division.
Kerntonne, *f.*, spindle-rest.
Kernübertritt, *m.*, nuclear migration.
Kernverschmelzung, *f.*, nuclear fusion.
Kernwand, *f.*, nuclear membrane.
Kernwarze, *f.*, tip of nucellus.
Kesselfallenblume, *f.*, flower which is an insect trap.
keulenförmig, *a.*, club-shaped.
keulenfrüchtig, *a.*, cladocarpous.
Keulenhaar, *n.*, clavate hair.
Keulenpapillum, clavate papillum.
Kiefer, *f.*, pine.
Kiefergehölz, *n.*, pine grove.
Kiefernblasenrost, *m.*, blister rust of pine.
Kiemenbüschel, *n.*, respiratory organs of certain water plants.
Kieselalga, *f.*, diatom.
Kieselanzeiger, *m.*, plant indicating by its soil preference gravelly soil.
Kieselgur, *f.*, siliceous earth.
Kieselkörper, *m.*, siliceous crystal.
Kieselsäure, *f.*, siliceous acid.
Kieselscheide, *f.*, spore membrane of diatoms.
Kieselskelett, *n.*, siliceous skeleton.
Kindel, *n.*, small secondary tuber.
kinetisches Zentrum, centrosphere; centrosome.
Kinn, *n.*, mentum.
Kirsche, *f.*, cherry.
Kittschicht, *f.*, connective layer between graft and scion.
Klammerepithel, bracket epithelium.
Klammerzelle, *f.*, bracket cell, anchor cell; bracing.
Klappe, *f.*, flap; valve; theca.
klappenspaltig, *a.*, loculicidal.
Klapperrose, *f.*, corn poppy, *Papaver Rhoeas.*
Klappertopf, *m.*, *Alectorolophus minor.*
Klatschrose, *f.*, corn poppy, *Papaver Rhoeas.*
Klause, *f.*, chamber in ovule (due to false partition).
Klebekorn, *n.*, desmochondrium; microsome.
Kleberschicht, *f.*, aleuron layer.
Klebkraut, *n.*, bedstraw, *Galium sp.*
Klebmasse, *f.*, glandula (in orchid or milkweed flower).
Klebscheibe, *f.*, adhesive disk.
Klee, *m.*, clover.
Kleesäure, *f.*, oxalic acid.
Kleinbestand, *m.*, woodlot.
Kleinbienenblume, *f.*, flower pollinated by small bees.
Kleinfliegenblume, *f.*, flower pollinated by small flies.
Kleinkerfblume, *f.*, flower pollinated by small insects of various orders.
Kleinlebewesen, *n.*, micro-organism.
Kleinspecies, *f.*, monotype; monotypic genus.
Kleinspore, *f.*, microspore.

Klemmfallenblume, *f.*, flower (of milkweed) having a retinaculum.
Klemmkörper, *m.*, retinaculum.
Klette, *f.*, burr.
Klettenpflanze, *f.*, plant with hooked hairs.
Kletterhaar, *n.*, hooked hair.
Kletterhaken, *m.*, hooked hair.
Kletterklette, *f.*, climbing hair; emergence.
Kletterpflanze, *f.*, liana; climber.
Klettfrucht, *f.*, burr fruit.
klimmen, *v. i.*, to climb.
Klinghaar, *n.*, climbing hair.
klinomorphes Organ, inclined organ.
Knabenkrautgewächse, *n. pl.*, Orchidaceae.
Knast, *m.*, knot in wood.
Knäuel, *m.*, glomerule; spireme, fascicle.
Knäuelform, *f.*, spireme.
Knäuelkraut, *n.*, knawel, *Scleranthus sp.*
Knieholz, *n.*, shrubs or low trees, especially conifers.
Knoblauch, *m.*, garlic.
Knoblauchshederich, *m.*, *Celiaria officinalis.*
Knochelhaar, *n.*, nodulose hair.
Knochenzelle, *f.*, stone cell.
Knöllchen, *n.*, root tubercle; bulblet.
Knolle, *f.*, tuber.
Knollenfäule, *f.*, tuber rot.
knollig, *a.*, tuberous.
Knopper, *f.*, fruit gall on oak.
Knorpelcollenchym, *n.*, cartilaginous collenchyma.
knorrig, *a.*, gnarled.
Knöspchen, *n.*, plumule; small bud.
Knospe, *f.*, bud.
Knospendecke, *f.*, bud scale.
Knospendeckung, *f.*, aestivation.
Knospendrang, *m.*, blastomania.
knospeneigenes Haar, ephemeral hair.
Knospengrund, *m.*, chalaza.
Knospenhülle, *f.*, integument.
Knospenkern, *m.*, nucellus.
Knospenknöllchen, *n.*, bud-like tuber.
Knospenlage, *f.*, vernation.
Knospenschuppe, *f.*, bud scale.
Knospenträger, *m.*, funiculus.
Knospenwarze, *f.*, nucellus.
Knospenzwiebel, *f.*, bulbil; bulblet.
Knötchen, *n.*, knob.
Knoten, *m.*, node.
Knotenborste, *f.*, nodulose bristle.
Knotenhülle, *f.*, lodicule.
Knotenscheibe, *f.*, disk of nodal cells.
Knotenwurz, *f.*, figwort, *Scrophularia sp.*
Knotenzelle, *f.*, the cells underneath the egg cell in Chara.
Knöterich, *m.*, knotweed.
Knöterichgewächse, *m. pl.*, Polygonaceae.
Kohl, *m.*, cabbage.
Kohlenhydratstoffwechsel, *m.*, carbohydrate metabolism.
Kohlhernie, clubroot of cabbage.
Kohlrübe, *f.*, Swedish turnip.
Kolben, *m.*, spadix, head, spike.
Kolbenanhang, *m.*, appendage.
Kolbenbrand, *m.*, cob smut.
Kolbenschosser, *m. pl.*, Balanophorae.
Kolibriblume, *f.*, flower pollinated by small birds.
Kollerwuchs, *m.*, wide-spreading crown.
Kolloidfällung, *f.*, colloid precipitation.
Kommisuralsiebröhre, *f.*, commissural sievetube.
Kompressionsreiz, *m.*, compression stimulus.
Koniferenholz, *n.*, gymnosperm wood.
Königskerze, *f.*, mullein, *Verbascum Thapsus.*
Köpfchen, *n.*, capitulum.
Köpfchendiachasie, *f.*, botryose cyme.
Köpfchenhaar, *n.*, capitate hair.

Köpfchenrispe, *f.*, compound inflorescence of Compositae with no reference to morphological structure.
Köpfchenschraubel, *f.*, botryose cyme.
Köpfchensichel, *f.*, drepanium, a sickle-shaped cyme.
Köpfchenspirre, *f.*, anthela (panicle of *Juncus*).
Köpfchenwickel, *m.*, cincinnus.
köpfig, *a.*, capitate.
Kopfkohl, *m.*, cabbage.
kopflos, *a.*, acephalous.
Kopfschimmel, *m.*, mold.
kopulieren, *v. t.*, to splice-graft.
Korbblütler, *m. pl.*, Compositae.
Korkhaut, *f.*, periderm.
Korkhöcker, *m.*, corky wart or knob.
Korkkruste, *f.*, cork crust.
Korkmutterschicht, *f.*, phellogen.
Korksäure, *f.*, suberic acid.
Korksucht, *f.*, formation of excessive amounts of cork.
Korkwarze, *f.*, lenticel.
Korkwucherung, *f.*, callus formation.
Korkzelle, *f.*, cork cell.
Korn, *n.*, chondria; seed; grain.
Kornähre, *f.*, ear of corn; spike.
Kornblume, *f.*, *Centaurea cyanus.*
Körnchen, *n.*, granule; little grain.
Körnchenflieger, *m.*, poppy type of seed.
Körnchenschlauch, *m.*, cell containing crystal sand.
Körnerplasma, *n.*, granular plasm.
Körnerüberzug, *m.*, granular cuticle.
körnig, *a.*, granular.
Kornrade, *f.*, corncockle, *Agrostemma Githago.*
Korntrespe, *f.*, cheat, *Bromus secalinus.*
Kraftknospe, *f.*, a bud near the surface of the ground protected by false scales.
Kraftspross, *m.*, shoot which elongates (indeterminate growth).
Kraftzweig, *m.*, shoot with indeterminate growth.
Krallenranke, *f.*, claw-like holdfast or tendril.
Krammenzelle, *f.*, anchor cell.
krankheitswiderständig, *a.*, disease-resisting.
Krappgewächse, *n. pl.*, Rubiaceae.
Kratzdiestel, *f.*, common thistle, *Circium oleraceum.*
kraus, *a.*, curly.
Kräuselhaar, *n.*, curled hair.
Kräuselkrankheit, *f.*, curly-leaf disease.
Krauseminze, *f.*, curled mint, spearmint, *Mentha spicata.*
Kraut, *n.*, herb; vine; weed.
krautartig, *a.*, herbaceous.
Krautflur, *f.*, meadow (of arctic region).
Krebs, *m.*, canker; cancer; wart.
Krebswiderstandsfähigkeit, *f.*, wart resistance.
kreiselförmig, *a.*, turbinate.
kreisende Bewegung, nutation movement.
Kreislauf, *m.*, cycle.
Kresse, *f.*, cress.
Kreuzbefruchtung, *f.*, hybridization.
Kreuzbestäubung, *f.*, cross-pollination.
Kreuzblümchen, *n.*, milkwort, *Polygala sp.*
Kreuzblumengewächse, *n. pl.*, Polygalaceae.
Kreuzblütlergewächse, *n. pl.*, Cruciferae.
Kreuzdorn, *m.*, buckthorn, *Rhamnus cathartica.*
Kreuzdorngewächse, *n. pl.*, Rhamnaceae.
kreuzförmig, *a.*, cruciate.
kreuzständig, *a.*, decussate.
Kreuzung, *f.*, hybridization, crossing.
Kristallbehälter, *m.*, crystal-containing cell.
Kristalldrüse, *f.*, druse, clustered crystal.

Kristallfaser, *f.*, septate fiber containing crystals.
Kristallkammerfaser, *f.*, septate fiber containing crystals.
Kristallmehl, *n.*, crystal sand.
Kristallnädelchen, *n.*, acicular crystal.
Kristallsand, *m.*, crystal sand.
Krönchen, *n.*, crown, para-corolla.
Krone, *f.*, corolla.
Kronenachsensporn, *m.*, spur (in the lip of orchid flower).
Kronenblatt, *n.*, petal.
Kronenröhre, *f.*, tubular perianth.
Kronenrost, *m.*, rust produced by *Puccinia coronata.*
Kropf, *m.*, swelling, crop.
Kropfhaar, *n.*, crop-hair; unicellular hair widened at the base.
Kropfmaser, *f.*, wen.
krugförmig, *a.*, urceolate.
krumm, *a.*, crooked, bent.
krümmen, *v.*, to curve.
Krummholz, *n.*, knee-timber; scrub pine; compass timber.
Krummholzkiefer, *f.*, *Pinus pumila.*
Krummholzzone, *f.*, timberline vegetation.
krummläufig, *a.*, campylotropous.
krumos, *a.*, friable.
Krüppelform, *f.*, distorted form; dwarfed form.
krustenartiger Thallus, crustaceous thallus.
Krustenflechte, *f.*, crustaceous lichen.
kuchenförmig, placentiform.
Kuckucksblumengewächse, *n. pl.*, Orchidaceae.
kugelig, *a.*, spherical, globose.
Kugeltrieb, *m.*, globular shoot.
Kuhblume, *f.*, marsh marigold, *Caltha sp.*
Kukabrühe, *f.*, Bordeaux mixture.
Kulturpflanze, *f.*, cultivated plant.
Kümmel, *m.*, caraway, *Carum Carvi.*
künstliche Zuchtwahl, artificial selection.
Kupferkalkbrühe, *f.*, Bordeaux mixture.
kuppenförmig, *a.*, dome-shaped.
Kürbis, *m.*, pumpkin; gourd.
Kürbisfrucht, *f.*, pepo.
Kürbisgewächse, *n. pl.*, Cucurbitaceae.
Kurzstäbchen, bacillus.
Kurztrieb, *m.*, short shoot; brachyblast.
Kutikularerhebung, *f.*, cuticular elevation.

L

Labkraut, *n.*, bedstraw, *Galium sp.*
Lackmus, *m.*, litmus.
Lacunargewebe, *n.*, trabecular tissue.
Ladungsänderung, *f.*, change in potential.
Lager, *n.*, thallus.
Lagerpflanze, *f.*, Thallophyte.
Laichkraut, *n.*, pondweed, *Potamogeton sp.*
Längenzuwachs, *m.*, height increment.
länglich, *a.*, oblong.
Längsdurchschnitt, *m.*, longitudinal section.
längsgeteilt, *a.*, longitudinally or cruciately divided.
längsläufig, *a.*, axiodromous.
Längsspaltung, *f.*, longitudinal fission.
langstaubfädig, *a.*, having long anthers.
Längszerreissfähigkeit, *f.*, tensile strength.
Langtrieb, *m.*, long shoot.
lanzettförmig, lanceolate.

lappige Rispe, glomerate or interrupted panicle.
Lärche, *f.*, larch, *Larix sp.*
Lärchenharz, *n.*, Venetian turpentine.
Lagunengebüsch, *n.*, herb and shrub vegetation of salt soil.
lappenartig, *a.*, lobe-like.
Laub, *n.*, foliage.
laubartiger Thallus, *m.*, foliaceous thallus.
Laubblatt, *n.*, foliage leaf.
Laubfall, *m.*, defoliation.
Laubflechte, *f.*, foliaceous lichen.
Laubholz, *n.*, deciduous tree, foliage tree.
Laubknospe, *f.*, leaf-bud.
Laubsporophyll, *n.*, leafy sporophyll.
Laubwald, *m.*, angiosperm forest.
laubwechselnd, *a.*, deciduous.
Laubwerk, *n.*, foliage.
Laugeneiweiss, *n.*, basic protein.
lebendiggebärend, *a.*, viviparous.
Lebensäusserung, *f.*, manifestation of life.
Lebensbaum, *m.*, arbor vitae, *Thuja sp.*
Lebensdauer, *f.*, longevity.
Lebenseigenschaft, *f.*, a property of living matter.
Lebensfähigkeit, *f.*, vitality; viability.
Lebensgeschichte, *f.*, life history.
Lebensholz, *n.*, lignum vitae, *Guaiacum sanctum.*
Lebenskraft, *f.*, vitality.
Lebensträger, *m.*, biophore.
Leberklette, *f.*, agrimony, *Agrimonia sp.*
Lebermoos, *n.*, liverwort.
Leberstärke, *f.*, glycogen.
lederartig, *a.*, coriaceous.
Lehm, *m.*, loam.
leierförmig, *a.*, lyrate.
Leimgewebe, *n.*, collenchyma.
Leimzotte, *f.*, complex of glands.
Leindotter, *m.*, false flax, *Camelina sativa.*
Leingewächse, *n. pl.*, Linaceae.
Leinkraut, *n.*, toadflax, *Linaria vulgaris.*
Leinöl, *n.*, linseed oil.
Leinpflanze, *f.*, flax, *Linum sp.*
Leiste, *f.*, ridge, carina.
Leistennetz, *n.*, cuticular projections (into epidermal cells).
Leitbündel, *n.*, vascular bundle.
Leitbündelkryptogamen, *pl.*, vascular cryptogams.
Leiter, *f.*, leader (applied to starch grains characteristic of a given plant).
leiterförmig, *a.*, scalariform.
Leitergefäss, *n.*, scalariform element.
Leitfähigkeit, *f.*, conductivity.
Leitparenchym, *n.*, conductive parenchyma.
Leitscheide, *f.*, mestome sheath.
Leitung, *f.*, conduction.
Leitungsgewebe, *n.*, conducting tissue.
leptocentrisch, *a.*, amphivasal.
Leptoparenchym, *n.*, phloem parenchyma.
Leuchtmoos, *n.*, luminous moss.
Libriformgewebe, *n.*, libriform tissue.
Libroplast, *m.*, elaioplast.
Lichtblatt, *n.*, heliophilous leaf.
lichtfangend, *a.*, diaphotropic.
Lightgenuss, *m.*, relation of light absorption to intensity of daylight.
Lichtholz, *n.*, light-loving tree.
Lichtlage, *f.*, position in relation to light.
Lichtreiz, *m.*, light stimulus.
lichtscheu, *a.*, heliophobic.
Lichtsinnesorgan, *n.*, organ sensitive to light.
lichtvag, *a.*, aphotometric.
lichtwendig, *a.*, phototropic.
Liebesapfel, *m.*, tomato.
liegend, *a.*, procumbent.
liegende Markstrahlzelle, horizontal medullary ray cell.
Ligulargrube, *f.*, ligular pit.
Liliengewächse, *n. pl.*, Liliaceae.

Lindausche Zelle, primordium of apothecium.
Lindenfrucht, *f.*, carcerule.
Lindengewächse, *n. pl.*, Tiliaceae.
linksgedreht, *a.*, left-contorted.
linksgriffelig, *a.*, aristerostylic.
linkskreisende Pflanze, left-hand climber.
Linksspirale, *f.*, left spiral.
Linse, *f.*, lentil, lens.
linsenförmig, *a.*, lentiform.
Lippe, *f.*, labellum.
Lippenblüte, *f.*, labiate flower.
Lippenblütler, *m. pl.*, Labiatae.
Löcherpilze, *m.pl.*, Polyporaceae.
Löcherschwamm, *m.*, *Polyporus sp.*
Lode, *f.*, sprout.
löffelförmig, *a.*, cochleariform.
Löffelkraut, *n.*, scurvy grass.
Lohblüte, *f.*, flower of tan (*Fuligo*).
Lohkrankheit, *f.*, abnormal lenticel formation.
Lolchgräser, *n. pl.*, Loliae.
Lorbeerbaum, *m.*, laurel, *Laurus nobilis.*
Lorbeergewächse, *n. pl.*, Lauraceae.
Löslichkeitsbeeinflussung, *f.*, influence on solubility.
Löslichkeitssteigerung, *f.*, increase of solubility.
Loslösung, *f.*, separation of vegetative parts for reproduction.
Losschnellende (Pflanzen), *f. pl.*, Explodiflorae (flowers which expel their pollen by explosive action).
Löwenmaul, *n.*, snapdragon.
Löwenzahn, *m.*, dandelion.
Lückencollenchym, *n.*, tubular collenchyma.
Lückenparenchym, *n.*, spongy parenchyma.
Luftdruck, *m.*, atmospheric pressure.
Luftgang, *m.*, air canal.
Luftgewebe, *n.*, aërenchyma.
Lufthöhle, *f.*, air cavity.
Luftkammer, *f.*, air canal.
Luftkanal, *m.*, air canal.
Luftknolle, *f.*, aërial tuber.
Luftlücke, *f.*, air space.
Luftmycel, *n.*, aërial mycelium.
Luftpflanze, *f.*, epiphyte.
Luftraum, *m.*, air cavity.
Luftspalte, *f.*, air chamber.
Lufttrockengewicht, *n.*, air-dry weight.
Luftwurzel, *f.*, aërial root.
Luzerne, *f.*, alfalfa.

M

mächtig, *a.*, thick.
Magerkeitsanzeiger, *m.*, indicator of soil exhaustion.
Maibaum, *m.*, birch.
Maiblume, *f.*, lily-of-the-valley.
Malzeiweiss, *n.*, diastase.
Mangold, *n.*, beet.
Mannbarkeit, *f.*, sexual maturity.
männliche Keimzelle, male germ cell; microspore; pollen grain.
Mannweibigkeit, *f.*, hermaphroditism.
Manschette, *f.*, armilla.
Mark, *n.*, pith.
Markbrücke, *f.*, widened medullary ray uniting pith of stem to that of lateral organs.
Markfleck, *m.*, pith fleck.
Markhöhle, *f.*, cavity in pith.
Markholz, *n.*, pithy wood.
Markkrone, *f.*, perimedullary zone of stele; circle of primary bundles in the stem.
Markscheide, *f.*, pith sheath; medullary sheath.
Markschicht, *f.*, medulla (of lichen thallus).
markständig, medullary.
Markstrahl, *m.*, medullary ray.
Markstrahlzelle, *f.*, medullary ray cell.
Markstrang, *m.*, center strand of differentiated cells (in mosses).
marktreif, *a.*, marketable.

Markverbindung, *f.*, primary rays extending centrifugally from the pith.
Markwiederhohlung, *f.*, pith fleck.
Marschboden, *m.*, swamp; marshy soil.
Marschwiese, *f.*, low meadow.
Maschenraum, *m.*, mesh-like spaces in spongy tissue.
Maser, *f.*, gnarled, streaked, or grained wood.
Maserbildung, *f.*, gnarl formation.
Mauerparenchym, *n.*, muriform parenchyma.
Maulbeerdrüse, *f.*, morulose gland.
Maulbeergewächse, *n. pl.*, Moraceae.
mechanische Zelle, stereome cell; supporting or protecting cell.
Meeresalge, *f.*, sea alga.
Meerkohl, *m.*, sea kale.
Meerrettich, *m.*, horseradish.
Meertreubel, *f.*, *Ephedra fragilis.*
Mehlfrucht, *f.*, cereal.
mehlig, *a.*, mealy, farinose.
Mehlkörper, *m.*, endosperm.
Mehltau, *m.*, mildew.
mehrfächerig, *a.*, multiloculate; compound.
mehrgipfelig, many-tipped; many-pointed.
mehrkammerig, *a.*, multiloculate.
mehrzellreihig, *a.*, multiseriate.
mehrzinkig, *a.*, many-fluked.
Meisterwurz, *f.*, master wort, *Imperatoria ostruthium.*
Melde, *f.*, *Chenopodium album, Atriplex patula.*
Melone, *f.*, canteloupe.
Membranfortsatz, *m.*, prolongation of cell wall.
Membranschleim, *m.*, membrane mucilage.
Mengung, *f.*, hybridization.
Mergel, *m.*, calcareous clay.
Merkmalspaar, *n.*, character pair, allelomorphs.
Milchsaftröhre, *f.*, latex tube.
Milchsaftschlauch, *m.*, latex tube.
Milchzelle, *f.*, latex cell.
Mischbestand, *m.*, mixed wood.
Mischfrucht, *f.*, species hybrid.
Mischling, *m.*, hybrid.
Missbildung, *f.*, monstrosity.
Misswachs, *m.*, anomalous growth.
Mistbeet, *n.*, hotbed.
Mistel, *f.*, mistletoe.
Mittelband, *n.*, connective (of anther).
Mittelbildung, *f.*, intermediate hybrid.
Mittelblatt, *n.*, foliage leaf.
Mittelblattstamm, *m.*, part of stem which bears the foliage leaves.
Mittelform, *f.*, intermediate type.
Mittelhaut, *f.*, middle layer of spore coat.
Mittelplatte, *f.*, innermost layer of middle lamella.
Mittelrasse, *f.*, intermediate race.
Mittelrinde, *f.*, primary rind, original cortex.
Mittelschicht, *f.*, intermediate layer.
mittelständig, *a.*, perigynous.
Mittelwert, *m.*, average.
Mohn, *m.*, poppy.
Mohngewächse, *n. pl.*, Papaveraceae.
Mohnhirse, *f.*, sorghum.
Mohntyp der Flugorgane, poppy type of flying organs of seeds.
Mohrrübe, *f.*, carrot.
Molecülsieb, *n.*, microfilter.
Mondring, *m.*, pith fleck.
Monogonie, *f.*, asexual reproduction.
monomer, *a.*, monocarpous.
monostemon, *a.*, having only one cycle of stamens not exceeding petals in number.
Moor, *n.*, bog.
Moosbeere, *f.*, cranberry.
Moosbüchse, *f.*, moss capsule.
Moosfarne, *m. pl.*, Lycopodiales.

Moosfrucht, *f.*, moss sporangium.
Moosvorkeim, *m.*, protonema of moss.
morphogener Reiz, *m.*, formative stimulus.
morphogenes Wachstum, *n.*, formative growth.
Mosaikpanaschierung, *f.*, mosaic mottling.
Moschusdiestel, *f.*, musk thistle, *Cardus nutans.*
Mull, *n.*, humus.
Mundbesatz, *m.*, peristome.
Mündung, *f.*, ostiole.
Mündungsparaphyse, *f.*, periphysis.
muschelförmig, *a.*, shell-shaped.
Mutterkornpilz, *m.*, ergot of rye.
Mutterzelle, *f.*, mother cell.
Mütze, *f.*, calyptra.
Mycelcyst, *m.*, gemma.
myceliarer Rand, *m.*, type of prothallus.
Myrosinbehälter, *m.*, myrosin cell.
Myrtengewächse, *n. pl.*, Myrtacea.

N

Nabel, *m.*, hilum.
Nabelstrang, *m.*, funiculus.
Nachbarbestäubung, *f.*, geitonogamy.
Nachbarkreuzung, *f.*, vicinism (due to hybridization).
Nachbarzelle, *f.*, adjacent cell.
Nachkommenschaft, *f.*, progeny.
Nachtblume, *f.*, nocturnal flower.
Nachtblütler, *m. pl.*, night-flowering plants; Nyctaginaceae.
Nachtfalterblume, *f.*, flower pollinated by nocturnal butterflies or moths.
Nachtkerze, *f.*, evening primrose, *Oenothera sp.*
Nachtkerzengewächse, *n. pl.*, Onagraceae.
Nachtrag, *m.*, supplement.
Nachtschatten, *m.*, nightshade, *Solanum sp.*
Nachtschattengewächse, *n. pl.*, Solanaceae.
Nachtschwärmerblume, *f.*, flower pollinated by nocturnal moths.
Nachtstellung, *f.*, night position (of leaves).
Nachweis, *m.*, demonstration.
Nachwirkungsbewegung, *f.*, after-effect movement.
nacktfüssiger Zweig, bulbil.
nacktsamig, *a.*, gymnospermous.
Nadelblatt, *n.*, needle leaf, gymnosperm leaf.
Nadelfaser, *f.*, acicular fiber.
nadelförmig, *a.*, acicular.
Nadelholz, *n.*, gymnosperm wood.
Nadelwald, *m.*, gymnosperm forest.
Nagel, *m.*, spur; clawlike petal; unguis.
Nährblatt, *n.*, storage leaf.
Nährboden, *m.*, nutrient medium.
Nährepidermis, *f.*, epidernal cell specialized to function in nutrition.
Nährgewebe, *n.*, nutrient tissue in galls; albumen.
Nährhaar, *n.*, nutrient hair (in galls).
Nährlösung, *f.*, nutrient solution.
Nährmycel, *n.*, vegetative mycelium.
Nährpflanze, *f.*, host; food plant.
Nährplasma, *n.*, trophoplasm.
Nährsalz, *n.*, nutrient salt.
Nährschicht, *f.*, endosperm; nutritive layer.
Nährstoff, *m.*, nutrient material.
Nahrungszufuhr, *f.*, intake of food.
Nährwasser, *n.*, nutrient solution.
Nährwurzel, *f.*, absorbing root.

Nährzelle, *f.*, nutrient cell (in Hepaticae).
Naht, *f.*, suture; raphe.
Napf, *m.*, basin, part of secretory cell.
Napfflieger, *m.*, biconcave seed of fruit provided with membranous wings.
napfförmig, *a.*, acetabuliform.
Narbe, *f.*, stigma; scar; hilum.
Narbenfortsatz, *m.*, stigmatic lobe.
Narbenlappen, *m.*, stigmatic lobe.
narbennachreif, *a.*, protandrous.
Narbenpapilla, *f.*, stigmatic papilla.
narbenvorreif, *a.*, protogynous.
nasse Fäule, wet rot.
natürliche Zuchtwahl, natural selection.
Naturschutz, *m.*, conservation.
Nebenachse, *f.*, secondary axis.
Nebenader, *f.*, accessory vein.
Nebenast, *m.*, collateral branch.
Nebenbedingung, *f.*, accessory condition or factor.
Nebenblatt, *n.*, ligule; stipule.
nebenblattlos, *a.*, exstipulate.
Nebenblumenkrone, *f.*, paracorolla; corona; crown of corolla.
Nebenfrucht, *f.*, paracarpium, imperfect stage.
Nebengeissel, *f.*, paraflagellum.
Nebenkeimbahn, *f.*, secondary germ track.
Nebenkelch, *m.*, calycle; calycalis; involucre.
Nebenkern, *m.*, blepharoplast, paranucleus.
Nebenkrone, *f.*, paracorolla; corona; crown of corolla.
Nebenneiv, *m.*, accessory vein.
Nebenschössling, *m.*, sucker; offshoot.
Nebensporangium, *n.*, reduced conidium-like sporangium.
nebenständig, *a.*, collateral.
Nebensymbiose, *f.*, parasymbiosis.
Nebensympodium, *n.*, secondary sympodium.
Nebentyp, *m.*, facies.
nebenweibig, *a.*, perigynous.
Nebenwurzel, *f.*, lateral root, adventitious root.
Nebenzeile, *f.*, parastiche.
Nebenzelle, *f.*, modified epidermal cell (surrounding foot of hair).
Nebenzweig, *m.*, lateral branch.
Nelke, *f.*, pink, carnation.
Nelkengewächse, *n. pl.*, Caryophyllaceae.
Nervatur, *f.*, venation.
Nervillennetz, *n.*, net-veins.
Nessel, *f.*, nettle.
Nesselgewächse, *n. pl.*, Urticaceae.
Nestepiphyt, *m.*, nest-epiphyte.
Nestwurzel, *f.*, nest-root (Orchid).
Netzfasergewebe, *n.*, tissue made up of reticulate elements.
netzfrüchtig, *a.*, dictyocarpous.
Netznerv, *m.*, nervil.
netznervig, *a.*, of reticulate venation.
Neubildungsreiz, *m.*, formative stimulus.
Neubürger, *m.*, neophyte.
neutrale Faser, fiber with a tension quotient equal to zero.
Nichtanlegung, *f.*, entire suppression of an organ.
Niederblatt, *n.*, scale; cataphyll.
Niederblattmanschette, *f.*, protective sheath of subterranean stem.
Niederblattstamm, *m.*, subex.
niedergedrückt-kugelig, *a.*, spheroidal.
Niederholz, *n.*, undergrowth, dwarfed trees.
niederliegend, *a.*, decumbent.
Niederreissen, *n.*, passive precipitation.
Niederschlagsmembran, *f.*, precipitation membrane.
Niederspross, *m.*, catablast.
Niederungsmoor, *n.*, sour meadow.
nierenförmig, *a.*, reniform.

Nieschenblatt, *n.*, nest leaf (in Polypodium).
Nieswurz, *f.*, *Veratrum album, Helleborus viridis.*
Nomophylla, foliage leaf.
Normaltiefe, *f.*, normal depth for seed in a given soil.
Normkultur, *f.*, typical culture.
Notreife, *f.*, premature ripening.
Nuss, *f.*, nut.
Nüsschen, *n.*, hard wall of oospore (in Chara).
nützlicher Spross, shoot which is not in direct line with flower axis.

O

Obenaufpflanzen, *n.*, hill planting.
Oberblatt, *n.*, epiphyll.
oberes Schülferchen, upper scale of peltate hair.
Oberflächenperiderm, *n.*, surface periderm.
Oberflächenschnitt, *m.*, surface section.
Oberflächenspannung, *f.*, surface tension.
Oberhaut, *f.*, epidermis.
oberschlächtiges Blatt, succubus leaf (in Liverworts).
Oberseite, *f.*, upper, adaxial or ventral side.
oberständig, *a.*, hypogenous; superior (ovary).
Objectträger, *m.*, microscopic slide.
öcologische Art, biologic species.
Oculieren, *n.*, budding.
Ödland, *n.*, waste land.
Öffnungskappe, *f.*, opening device (in antheridium of liverworts).
Öffnungsstoss, *m.*, initial stimulus.
Oidiumkette, *f.*, oidium chain.
Ölbehälter, *m.*, oil-storing organ.
Ölhypha, *f.*, oil-hypha.
Ölkörper, *m.*, oil-body.
Ölmadie, *f.*, *Madia sativa.*
Ölrettich, *m.*, radish, *Raphanus sativa.*
Ölstriemen, *m.*, oil-canal.
Ölweidengewächse, *n. pl.*, Elaeagnaceae.
Ölzelle, *f.*, oil-storing cell.
Ooblastemfaden, *m.*, ooblastic filament, fertilizing tube.
Ooblastemfortsatz, *m.*, conjugation tube.
Oogoniumstand, *m.*, oogoniophore.
Orangenfrucht, *f.*, hesperidium.
Orientierungsbewegung, *f.*, orientation movement.
Ortsveränderung, *f.*, change of position.
Osterluzei, *f.*, birthwort, *Aristolochia clematis.*
Osterluzeigewächse, *n. pl.*, Aristolochiaceae.

P

Paarung, *f.*, mating.
Paarungsausfall, *m.*, product of mating.
Palette, *f.*, palet.
Palisadendrüse, *f.*, palisade gland.
Palisadengewebe, *n.*, palisade tissue.
Palisadenzellbüschel, *n.*, group of palisade cells.
Palmentypus der Gefässbündel, palm type of bundle arrangement.
Panaschierung, *f.*, variegation.
Papillarwand, *f.*, the wall of the primordium which cuts off the leaf initials.
Pappel, *f.*, poplar.

Parallelerscheinung, *f.*, anlogous form.
Parenchymscheide, *f.*, parenchymatous sheath of leaf veins.
passive Anpassung, passive adaptation.
Pastinakwurzel, *f.*, parsnip.
Paukenhaut, *f.*, drum (moss capsule).
Pechkiefer, *f.*, pitch pine, *Pinus* sp.
peitschenförmig, *a.*, flagelliform.
Peitschengeissel, *f.*, flagellum.
Peitschenhaar, *n.*, whip-like hair.
Perforationsschlauch, *m.*, penetration tube.
Perichaetialblatt, *n.*, involucral leaf, (around the base of the setae in mosses).
Periclinalchimar, *m.*, chimaera; graft hybrid (in which the peripheral part resembles one parent, while the central part resembles the other parent).
Peridermdauergewebe, *n.*, phellem.
Perigonialblatt, *n.*, the bract of leafy liverworts in the axil of which stands the antheridium.
Perlblase, *f.*, bladder-like hair.
Perldrüse, *f.*, pearl gland.
Perlenschnurhaar, *n.*, nodulose hair.
Petroliumseifenbrühe, *f.*, kerosene emulsion.
Pfaffenhütchen, *n.*, spindle tree, *Evanymus europaeus.*
Pfahlwurzel, *f.*, tap root.
Pfefferkraut, *n.*, savory, peppergrass, stone crop.
Pfeifenstrauch, *m.*, birthwort, Dutchman's pipe, *Aristolochia Sipho.*
pfeilförmig, *a.*, sagittate.
Pfirsich, *m.*, peach.
Pflanze, *f.*, plant.
Pflanzenbestand, *m.*, plant formation.
Pflanzenerde, *f.*, humus.
Pflanzengesellschaft, *f.*, plant so ciety.
Pflanzeneiweiss, *n.*, vegetable protein.
Pflanzenreich, *n.*, plant kingdom.
Pflanzenschleim, *m.*, mucilage.
Pflanzenvorwesenkunde, *f.*, phytopaleontology.
Pflanzenzucht, *f.*, plant breeding.
Pflasterung, *f.*, sheathing (of veins with crystals).
Pflaume, *f.*, plum, prune.
Pfriemenborste, *f.*, acicular bristle.
pfriemförmig, *a.*, subulate, awl-shaped.
pfriemlich, *a.*, lash-like, subulate.
Pfropfbastard, *m.*, graft hybrid.
pfropfen, *v. t.*, to graft.
Pfropfhybrid, *m.*, graft hybrid.
Pfropfmischling, *m.*, graft hybrid.
Phasengrenze, *f.*, phase boundary.
Phloeminsel, *f.*, area of phloem isolated in other tissues.
Pigmentschicht, *f.*, pigment layer.
Pilz, *m.*, fungus.
Pilzblume, *f.*, fungus fructification.
Pilzkrankheit, *f.*, fungus disease.
Pilztier, *n.*, myxomycete.
pilzverdauende Pflanze, plant with endotrophic mycorrhiza.
Pilzwurzel, *f.*, mycorrhiza.
pinselförmig, *a.*, brush-like.
Pinselschimmel, *m.*, *Penicillium crustatum.*
Pinselzotte, *f.*, brush-like shaggy hair.
Plasmabrücke, *f.*, plasmodesma.
Plasmahaut, *f.*, plasma membrane.
Plasmaströmung, *f.*, plasma streaming.
Plasmaverbindung, *f.*, plasmodesma.
Plasomolecül, *n.*, biogenic molecule.
Platte, *f.*, plate, petal-lamina.
Plattencollenchym, *n.*, lamellar collenchyma.

Plattendrehflügler, *m.*, plant with Ailanthus type of flying organs of seeds.
Plattenkultur, *f.*, petri-dish culture.
pleocarp, *a.*, perennial.
Polkappe, *f.*, polar cap.
Pollenblume, *f.*, flower which produces only pollen and no nectar.
Pollenfach, *n.*, pollen sac.
Pollenkammer, *f.*, pollen chamber.
Pollenkorn, *n.*, pollen grain.
Pollenmal, *n.*, pseudo-nectar guide.
Pollenmasse, *f.*, massula, a group of adhering pollen grains as in Orchidae.
Pollenmutterzelle, *f.*, pollen mother cell.
pollennachreif, *a.*, protogynous.
Pollensack, *m.*, pollen sac.
Pollenschlauch, *m.*, pollen tube.
Pollenschlauchkern, *m.*, vegetative nucleus of pollen grain.
Pollenübertragung, *f.*, pollination, transfer of pollen.
pollenvorreif, *a.*, protandrous.
Pollinationstropfen, *m.*, liquid excreted by micropyle.
Polster, *n.*, pulvinus; stroma.
Polsterbildner, *m. pl.*, perennial herbs which spread freely but which branch little, bunchgrass.
Pore, *f.*, pit.
Porenkanal, *m.*, part of branched pit.
Porenkapsel, *f.*, porous capsule, fruit (of poppy type).
Porenkork, *m.*, strip of periderm in tissue of lenticel.
Porenzelle der Spaltöffnung, guard cell of stomate.
positive Spannung, turgor.
Präsentationszeit, *f.*, presentation time.
Preventivspross, *m.*, water-shoot.
Preisselbeere, *f.*, cranberry; whortleberry, *Vaccinium sp.*
Priman, *m.*, bract of the last flower of a cymose inflorescence.
Primanblüte, *f.*, the terminal flower of a leader in a cymose inflorescence.
Primärblatt, *n.*, the first leaf following the cotyledons.
primäre Äusserung, fundamental exhibition in hybrids.
primäre Membran, middle lamella.
primäre Rinde, the tissue external to the vascular cylinder.
primärer Enbryosackkern, nucleus of embryo sac.
primärer Holzteil, primary xylem.
Primordialblatt, *n.*, leaf primordium, the first leaf following the cotyledons.
Primordialgefäss, *n.*, protoxylem element.
Primordialschlauch, *m.*, primordial utricle.
progressive Veränderung, *f.*, metaplasia.
Protenparenchym, *n.*, protenchyma.
Protoplasmabewegung, *f.*, protoplasmic movement.
Protoplasmakammer, *f.*, plasma chamber.
Proventivknospe, *f.*, proventitious bud.
Proventivspross, *m.*, shoot developed from a proventitious bud.
Pseudosaftmal, *n.*, false nectar guide.
pseudosomatische Keimbahn, secondary germ track.
Purgierlein, *m.*, flax, *Linum catharticum.*
Pustelschorf, *m.*, type of scab (caused by bacteria).

Q

Quartanblüte, terminal flower of the fourth axis of a cymose inflorescence.
Quecke, *f.*, quack-grass, *Agropyron repens.*
Quecksilberchlorid, *n.*, bichloride of mercury.
Quellschicht, *f.*, swelling layer in seeds and fruits.
Quellung, *f.*, swelling.
Querachse, *f.*, transverse axis.
Querbalken, *m*, transverse beam; trabecula of peristome; bar of Sanio.
quergeteilt, *a.*, transversely septate.
querläufig, *a.*, plagiodromous.
Querparenchym, *n.*, radial parenchyma (in leaves).
Querschnitt, *m.* cross section.
Querzergliederung, *f.*, cross septation.
Quirl, *m.*, whorl; verticel.
quirlich, *a.*, verticillate.
Quitte, *f.*, quince.

R

Rachenblüte, *f.*, labiate flower.
radförmig, *a.*, wheel-shaped.
radiär, *a.*, actinomorphic.
Radieschen, *n.*, radish.
Rainfarn, *m.*, tansy, *Tanacetum sp.*
Rainweide, *f.*, privet.
Ramen, *m.*, replum.
Randbast, *m.*, marginal bast.
Randbeschaffenheit, *f.*, shape of margin.
Randblüte, *f.*, ray flower.
Randbündel, *n.*, marginal bundle.
randnervig, *a.*, craspidromous.
Randpartie, *f.*, margin (of leaf).
Randschleier, *m.*, cortina.
randständig, *a.*, marginal.
Randtüpfel, *m.*, marginal pit.
Randwachstum *n.*, marginal growth.
randwärts, *a.*, in the direction of the margin.
Randzahn, *m.*, marginal tooth.
Randzelle, *f.*, outer cell of a spherical peristome.
Randzellenwachstum, *n.*, marginal growth.
Ranke, *f.*, tendril, runner.
ranken, *v. i.*, to creep or climb.
rankenförmig, *a.*, cirrhiform.
Rankenkletterer, *m.*, tendril-climber.
Rankenpflanze, *f.*, climber, runner.
Raphidenschlauch, *m.*, raphid sac.
Raps, *m.*, rape.
Rapünzchen *n.*, lamb's lettuce, *Valerianella sp.*
rasenbildendes Moos, moss which forms dense mats.
Rasennarbe, *f.*, thick turf.
Rasse, *f.*, race.
Räuber, *m.*, water shoot; sucker shoot.
Raucherzeugung, *f.*, smudging.
Rauhblatt, *n.*, leaf of zoöphobic plant with coarse, often recurved hairs.
Rautengewächse, *n. pl.*, Rutaceae.
Reactionsgeschwindigkeit, *f.*, reaction velocity.
Reactionskette, *f.*, series of events from stimulation to response.
Reactionsstufe, *f.*, stage of reaction.
Reactionszeit, *f.*, latent period of reaction.
Rebengewächse, *n. pl.*, Vitaceae.

rechtsgedreht, *a.*, dextrorse.
rechtsgriffelige Blüte, dexiostylic flower.
rechtskreisende Pflanze, right-hand climber.
Reductionsteilung, *f.*, reduction division.
reducierte Spaltöffnung, vestigial stomate.
regelmässige Blüte, actinomorphic flower.
Regenblatt, *n.*, leaf adapted for rapid drying; rain-enduring leaf of rain-forest plant.
Regenwald, *m.*, rain-forest.
regressive Veränderung, necrosis.
reif, *a.*, mature; ripe.
Reif, *m.*, bloom; hoarfrost.
Reifholz, *n.*, heartwood.
Reihengemmen, *pl.*, chain gemmae.
Reinbestand, *m.*, plantation devoted to a single crop.
Reinigung, *f.*, progressive shedding of lower branches of forest trees; self-pruning.
Reinkultur, *f.*, pure culture.
Reis, *n.*, twig.
Reisgräser, *n. pl.*, Oryzeae.
reitend, *a.*, equitant.
Reiz, *m.*, stimulus, irritant.
reizbar, *a.*, irritable.
Reizbedingung, *f.*, condition of stimulation.
Reizbewegung, *f.*, movement due to stimulation.
Reizdauer, *f.*, duration of stimulation
Reizempfänglichkeit, *f.*, susceptibility to stimulation.
Reizerfolg, *m.*, resulting stimulation.
reizfähig, *a.*, irritable.
Reizfortpflanzung, *f.*, conduction of excitation.
Reizgipfel, *m.*, stimulus giving maximum excitation.
Reizhaken, *m.*, irritable hook.
Reizmenge, *f.*, energy of stimulation.
Reizmittel, *m.*, stimulant; irritant.
reizpercipierendes Organ, sensitive organ; tactile organ.
Reizschwelle, *f.*, threshold of stimulation.
Reizübertragung, *f.*, transmission of stimulus.
Reizung, *f.*, stimulation; excitation.
Reizursache, *f.*, source (or cause) of stimulation.
Reizvorgang, *m.*, process of stimulation and transmission.
Reizwirkung, *f.*, effect of stimulation.
Reliktendemisma, *n.*, surviving endemic form.
reparativer Wurzelspross, compensatory sprout.
Reservestoff, *m.*, reserve material.
Reservestoffbehälter, *m.*, storage organ.
Reservestofforgan, *n.*, storage organ.
resinogene Schicht, *f.*, secretive wall layer (of secretory cell).
Retortenzelle, *f.*, ampulla.
Rettich, *m.*, black radish.
Rettich-Hederich, *m.*, wild radish, *Raphanus Raphanistrum.*
Rhabarber, *m.*, rhubarb.
rhizogene Schicht, pericambium.
richtender Reiz, formative stimulus.
Richtungsbewegung, *f.*, orientation movement.
Riedgräser, *n. pl.*, Cyperaceae.
Rief, *m.*, carina; ridge.
Riff, *m.*, carina; ridge.
Riemenblumengewächse, *n. pl.*, Loranthaceae.
Rille, *f.*, valecula.
Rinde, *f.*, bark, cortex.
rindenbewohnend, *a.*, growing on the outer bark.
Rindenbrand, *m.*, frost canker.
Rindenbündelsystem, *n.*, leaf trace or branches of same (in cortex).
Rindenfarbstoff, *m.*, phlobaphene.

Rindenflechte, *f.*, lichen growing on bark.
Rindengrenze, *f.*, phloeoterma.
Rindenhaut, *f.*, periderm.
Rindenhöckerchen, *n.*, lenticel.
Rindenmarkstrahl, *m.*, that part of the medullary ray that lies in the phloem.
Rindenpfropfen, *n.*, bark grafting.
Rindenpore, *f.*, lenticel.
Rindensaugstrang, *m.*, cortical haustorium.
Rindensäure, *f.*, corticinic acid.
Rindenschicht, *f.*, cortical layer; medulla.
Rindenwand, *f.*, wall which cuts off the leaf initials from the axis.
Ring, *m.*, annulus.
Ringelborke, *f.*, periderm which peels off the stem in rings, ring bark, hoop bark.
Ringelklette, *f.*, bur.
Ringgefäss, *n.*, annular element.
ringporiges Holz, ring-porous wood.
Ringtracheide, *f.*, annular element.
Rinne, *f.*, valecula.
Rippe, *f.*, costa.
Rispe, *f.*, panicle.
Rispengras, *n.*, meadow grass, *Poa sp.*
Rispenhirse, *f.*, *Panicum sp.*
Rissstelle, *f.*, suture of dehiscence.
Rittersporn, *m.*, larkspur, *Delphinium sp.*
Roggen, *m.*, rye.
Roggenstengelbrand, *m.*, covered smut of rye.
Rohbodenpflanze, *f.*, plant growing on virgin soil.
Rohchlorophyllösung, *f.*, crude chlorophyll extract.
Rohfaser, *f.*, crude fiber.
Röhrenblatt, *n.*, tubular leaf.
Röhrenblüte, *f.*, tubular flower.
Röhrenglied, *n.*, sieve-tube segment.
röhrig, *a.*, fistular.
Rohrkolben, *m.*, cat-tail.
Rohrstamm, *m.*, cane; reed.
Rohrsumpf, *m.*, reed swamp.
Rohrzucker, *m.*, sucrose.
Rollblatt, *n.*, revolute leaf.
Rose, *f.*, rose, rosette.
Rosengewächse, *n. pl.*, Rosaceae.
Rosenkohl, *m.*, Brussels sprouts.
rosenkranzförmig, *a.*, moniliform.
Rosettenstaude, *f.*, rosette plant.
Rosettenträger, *m.*, rosette plant.
Rossfenchel, *m.*, *Phellandricum aquaticum.*
Rosskastanie, *f.*, horse-chestnut.
Rosskastaniengewächse, *n. pl.*, Hippocastanaceae.
Rösten, *n.*, retting (of flax).
Rostigwerden, *n.*, russeting.
Rotfäule, *f.*, red rot.
Rotholz, *n.*, redwood.
Rotklee, *m.*, red clover.
Rübe, *f.*, beet; turnip.
Rückbildung, *f.*, phylogenetic disappearance of organs which have become non-functional.
Rückbildungsvorgang, *m.*, reversion.
Rückkreuzung, *f.*, back crossing.
Rückennaht, *f.*, dorsal suture.
Rückenseite, *f.*, dorsal side.
rückenständig, *a.*, dorsal.
rückenwurzelig, *a.*, incumbent, notorrhizal.
Rückinfection, *f.*, reinfection.
Rückschlag, *m.*, atavism.
Rückschlagbildung, *f.*, atavism.
Ruheakinet, *m.*, resting cell formed directly from vegetative cell without the formation of a new wall.
Ruhezustand, *m.*, resting condition.
Rundfaser, *f.*, tracheid of summer wood.
Runkelrübe, *f.*, mangold; beetroot.
Runzelblatt, *n.*, wrinkled, corrugated or xerophytic leaf.
runzelig, *a.*, rugose.
Runzelschorf, *m.*, type of scab.
Russtau, *m.*. sooty mold.

Rüster, *m.*, elm.
Rutengewächs, *n.*, phylloclad.
Rutenspross, *m.*, slender leafy shoot.

S

Saat, *f.* seed.
Saatgutbeize, *f.*, seed disinfection.
säbelförmig, *a.*, scimitar-shaped.
Sackpusule, *f.*, main contractile vacuole.
Saft, *m.*, cell sap; sap.
Saftblume, *f.*, nectar-secreting flower.
Saftdecke, *f.*, structure to protect the nectar in floral parts.
Saftdrüse, *f.*, nectar gland.
Saftfaden, *m.*, paraphysis.
Saftleitung, *f.*, translocation.
Saftpflanze, *f.*, succulent.
Saftraum, *m.*, vacuole; cell cavity.
Saftstrom, *m.*, sap flow.
Saftverkehr, *m.*, movement of sap.
Sägeblatt, *n.*, siliceous leaf.
Sägepalme, *f.*, *Cycas sp.*
Salbei, *m. f.*, sage.
Salpeterpflanze, *f.*, nitrophyte.
Salpetersäure, *f.*, nitric acid.
Salzdrüse, *f.*, salt-secreting gland.
Salzpflanze, *f.*, halophyte.
Salzsäure, *f.*, hydrochloric acid.
Samen, *m.*, seed.
Samenanlage, *d.*, ovule.
samenbeständig, *a.*, distinguishable by the seed.
Samenblättchen, *n.*, cotyledon.
Samenblüten, *f. pl.*, the flowers of Ficus which are not pollinated by the wasp.
Samendecke, *f.*, episperm, perisperm, seed-coat.
Samendeckel, *m.*, operculum.
Sameneikern, *m.*, mesoblast.
Sameneiweiss, *n.*, endosperm.
Samenfaden, *m.*, spermatozoid.
Samenfähigkeit, *f.*, age of plant when flowering begins.
samenflügelig, *a.*, wing-fruited.
Samengehäuse, *n.*, core; receptacle (of Bryophytes), seed-case; pericarp.
Samenhäufchen, *n.*, sorus (of ferns).
Samenhaut, *f.*, seed coat; tegument.
Samenhülle, *f.*, episporium; testa.
Samenhülse, *f.*, pod; husk; hull.
Samenjahr, *n.*, fruiting year.
Samenkapsel, *f.*, capsule.
Samenkelch, *m.*, seed-cup.
Samenkern, *m.*, sperm; nucleus.
Samenknospe, *f.*, ovule.
Samenkrönchen, *n.*, coronule; pappus.
Samenlappen, *m.*, cotyledon.
Samenleiste, *f.*, placenta.
Samenmantel, *m.*, aril.
Samenmutterzelle, *f.*, spermatocyst.
Samennaht, *f.*, raphe.
Samenpflanze, *f.*, seed plant.
Samenschale, *f.*, testa.
Samenschildchen, *n.*, scutellum.
Samenschopf, *m.*, seed tuft; coma.
Samenschuppe, *f.*, ovuliferous scale.
Samenstaub, *m.*, pollen.
Samenträger, *m.*, placenta.
Samenzapfen, *m.*, cone.
Sammelart, *f.*, collective species.
Sammelfrucht, *f.*, syncarp.
Sammelpusule, *f.*, the smaller one of the contractile vacuoles in the cell of the Peridineae.
Sammelspringfrucht, *f.*, syncarpous dehiscent fruit.
Sammelsteinfrucht, *f.*, pyrenarium.
Sammelzelle, *f.*, collective cell; turbinate cell.
Sammetblatt, *n.*, velvety leaf.
Sammethaarig *a.*, holosericeous.
Sammlung, *f.*, collection.
Sandboden, *m.*, sandy soil.
Sandpflanze, *f.*, psammophyte.

Sandriedgras, *n.*, sedge, *Carex muricata.*
Sanduhrzelle, *f.*, hourglass type of cell in seed testa.
Sandelbaumgewächse, *n. pl.*, Santalaceae.
Sattel, *m.*, saddle (Isoetes).
Sattelschaft, *m.*, saddle graft.
Saubohne, *f.*, vetch.
Sauerampfer, *m.*, sorrel.
Sauerdorngewächse, *n. pl.*, Berberidaceae.
Sauerklee, *m.*, sorrel, *Oxalis stricta.*
Sauerkleegewächse, *n. pl.*, Oxalidaceae.
Sauerstoff, *m.*, oxygen.
Sauerstoffatmung, *f.*, aerobic respiration.
Saughaar, *n.*, absorbing hair.
saugnapfähnlich, *a.*, discoid.
Saugorgan, *n.*, haustorium.
Saugcheibenranke, *f.*, tendril with adhesive disk.
Saugschlauch, *m.*, haustorium.
Saugschuppe, *f.*, water-absorbing trichome.
Saugwurzel, *f.*, absorbing root; haustorium.
Saugzweig, *m.*, haustorium.
Säulchen, *n.*, small column.
Säule *f.*, column.
säulenförmg, *a.*, columnar.
Säulenstamm, *m.*, columnar stem (palm).
Säulenwurzel, *f.*, stilt root; prop root.
Säulenzelle, *f.*, columnar sclereid.
Saum, *m.*, margin.
Saumtracheide, *f.*, marginal ray cell.
Säurebindungsvermögen, *n.*, acid-combining capacity.
Säureeiweis, *n*, acid protein.
Säurewechsel, *m.*, change in acidity.
Schacht, *m.*, shaft (of stomate).
Schachteihalm, *m.*, horsetail, *Equisetum sp.*
Schafgarbe, *f.*, yarrow, *Achillea millefolium.*
Schaft, *m.*, scape.
Schale, *f.*, valve (in diatoms).
schalenartig, *a.*, saucer-like.
Schalfrucht, *f.*, caryopsis.
schalig, *a.*, scaly.
Schalwunde, *f.*, bark wound.
scharf, *a.*, acrid; sharp.
scharfkantig, *a.*, acute-angled.
schattenbedürftig, *a.*, shade-requiring.
Schattenblatt, *n.*, heliophobous leaf.
schattenertragend, *a.*, shade-enduring.
Schattenholz, *n.*, shade plant (one with leaves containing many chloroplasts).
Schattenpflanze, *f.*, shade-loving plant.
Schauapparat, *m.*, attraction apparatus; lure for insects.
Schaufel, *f.*, palet (of translator).
Schaumtheory, *f.*, foam theory (of protoplasm).
Scheibe, *f.*, disk.
Scheibenblüte, *f.*, disk flower.
Scheibendrehflügler, *m.*, seeds or fruits with Aspidiosperm type of wings.
scheibenförmig, *a.*, disk-shaped.
Scheibenpilz, *m.*, discomycete.
Scheide, *f.*, volva; vagina.
Scheidenblatt, *n.*, spathe; sheathing leaf.
Scheidenknospe, *f.*, adventitious bud.
Sheidenknoten, *m.*, node (of grass).
Scheidewand, *f.*, dissepiment; septum.
Scheidewandbildung *f.*, wall formation (between two daughter cells).
scheidewandbrüchig, *a.*, septifragal.
scheidewandspaltig, *a.*, septicidal.
Scheinachse, *f.*, sympodium.

Scheinähre, *f.*, cymose spike.
Scheinbeere, *f.*, sphalerocarpium; accessory fruit.
Scheindolde, *f.*, cyme.
Scheinfrucht, *f.*, spurious fruit.
Scheinfruchtgehäuse, *n.*, covering of the false fruit.
Scheinfuss, *m.*, pseudopodium.
Scheinhefe, *f.*, mycelial cyst.
Scheinkern, *m.*, false heart.
Scheinnectarium, *n.*, false nectary.
Scheinparenchym, *n.*, pseudoparenchyma.
Scheinquirl, *m.*, false whorl.
Scheinsaftblume, *f.*, flower with false nectaries.
Scheinschmarotzer, *m.*, epiphyte.
Scheinschülferchen, *n.*, false scale.
Scheintüpfel, *m.*, false pit.
Scheinwirtel, *m.*, verticillaster.
Scheinzwiebel, *f.*, aërial tuber.
Scheitel, *m.*, apex.
Scheitelkante, *f.*, row of apical cells.
Scheitelstrang, *m.*, vascular bundle in the indusium of the Hymenophyllaceae.
Scheitelwachstum, *n.*, apical growth.
scheitelwärts, *a.*, in the direction of the apex.
Scheitelzelle, *f.*, apical cell.
Schichtzelle, *f.*, tapetum.
schiefliegend, *a.*, oblique.
Schierling, *m.*, hemlock, *Conium sp.*
Schierlingstanne, *f.*, hemlock-spruce.
Schiffchen, *n.*, keel.
Schildchen, *n.*, scutellum; scutiform leaf.
schildförmig, *a.*, peltate.
Schildkraut, *n.*, skull-cap, *Scutellaria sp.*
Schilfgräser, *n. pl.*, Arundinacea.
schilferig, *a.*, lepidote.
schilfig, *a.*, arundinaceous.
Schimmel, *m.*, mold.
Schimmelpilz, *m.*, mold fungus.
Schimmelrasen, *m.*, fur-like growth of mold.
Schirm, *m.*, umbel.
Schirmflieger, *m.*, seed or fruit with Asterocephalotype of wings.
Schirmform, *f.*, umbrella form.
Schirmhaar, *n.*, umbrella-shaped hair.
Schirmkeilschlag, *m.*, shelter wood wedge system.
Schirmrispe, *f.*, umbel-like panicle; corymb.
schizogen, *a.*, schizogenous.
Schizostel, *m.*, broken stele.
Schlafbewegung, *f.*, nyctotrophic movement.
schlafendes Auge, dormant bud.
Schlafmohn, *m.*, common poppy.
Schafstellung, *f.*, nocturnal position.
schlangenartig, *a.*, serpentine.
Schlangenwurz, *f.*, wild calla, *Calla palustris.*
Schlauch, *m.*, metamorphosed container; ascus; utricle.
Schlauchalgae, *f. pl.*, Siphon-algae.
schlauchartig, *a.*, saccate.
Schauchblatt, *n.*, ascidiform leaf.
Schlaucherzeuger, *m.*, ascogonium.
Schlauchfasergewebe, *n.*, ascogenous hyphae.
Schlauchfrucht, *f.*, ascus fruit; utriculus.
Schlauchkapsel, *f.*, sacellus.
Schlauchkeimung, *f.*, tube germination.
Schlauchkopf, *m.*, slime plug.
Schlauchpilz, *m.*, ascomycete.
Schlauchspore, *f.*, ascospore.
Schlehdorn, *m.*, *Prunus spinosa.*
Schleier, *m.*, veil; indusium.
Schleierchen, *n.*, indusium.
Schleifenblume, *f.*, *Iberis amara.*
Schleimendosperm, *n.*, mucilaginous endosperm.
Schleimepidermis, *f.*, mucilaginous epidermis.

Schleimfrucht, *f.*, fruit provided with slime cells for forcible ejection of the seeds.
Schleimgang, *m.*, mucilaginous canal.
Schleimgewebe, *n.*, mucilaginous tissue.
schleimig, *a.*, mucilaginous.
Schleimkork, *m.*, mucilaginous periderm.
Schleimkrankheit, *f.*, slime disease.
Schleimorgan, *n.*, slime cell or aggregation of slime cells found in the thallus of Marchantia.
Schleimpapilla, *f.*, modified epidermal cell.
Schleimpilz, *m.*, myxomycete.
Schleimranke, *f.*, mucilaginous thread in intercellular spaces of roots of certain orchids.
Schleimschicht, *f.*, layer of mucilage.
Schleimzelle, *f.*, mucilaginous cell.
Schleppgeissel, *f.*, backward-directed cilium.
Schleuder, *f.*, elator.
Schleuderklette, *f.*, bur fruit.
Schliessfrucht, *f.*, achene; cleistocarp.
Shliesshaut, *f.*, closing membrane of pit.
Schliessring, *m.*, basal cells of tubular air chamber in Marchantia.
Schliesskapsel, *f.*, carcerule.
Schliesszelle, *f.*, guard cell.
schlingläufig, *a.*, brachyodromous.
Schlingpflanze, *f.*, liana; twining plant.
Schlund, *m.*, throat (of tubular calyx or corolla).
Schlundkranz, *m.*, corona.
Schlundschuppe, *f.*, scale (of throat of corolla).
Schlupfwespenblume, *f.*, flower pollinated by Ichneumonidae.
Schlüsselblumengewächse, *n. pl.*, Primulaceae.
Schlusszelle, *f.*, one of the first two daughter cells of the hypophysis.
schmalblätterig, *a.*, angustifolious.
Schmarotzer, *m.*, parasite.
Schmetterlingsblütler, *m. pl.*, Leguminosae.
Schmierbrand, *m.*, stinking smut.
Schminkbohne, *f.*, kidney bean, *Phaseolus multiflorus.*
Schnabelzelle, *f.*, beak-like cell below the pore of certain stomates.
Schnallenbrücke, clamp connection.
Schneckenblütler, *m. pl.*, flowers pollinated by snails.
schneckenförmig, *a.*, helicoid.
schneckenförmig gerollt, *a.*, circinate.
Schneeball, *m.*, arrow wood, *Viburnum opulus.*
Schneebeere, *f.*, snowberry.
Schneeschimmel, *m.*, white mold.
schnelllebig, *a.*, rapidly completing the life cycle.
Schnittfläche, *f.*, cut surface.
Schnittnelken, *pl.*, carnations for cut flowers.
Schnittstaude, *f.*, perennial for cut flowers.
Schöllkraut, *n.*, celandine, *Chelidonium majus.*
Schopfblätter, *pl.*, crowded leaves around the sex organs of mosses.
Schorf, *m.*, scab.
Schoss, *m.*, shoot, sprout.
Schösslingskraut, *n.*, large rosette plant.
Schötchen, *n.*, silicule.
Schote, *f.*, silique.
Schotengewächs, *n.*, leguminous plant.
Schotenpfeffer, *m.*, red pepper, *Capsicum sp.*
Schrägzeile, *f.*, parastiche.
schräggegittert *a.*, clathrate.
schrägzygomorphe Blüte, oblique zygomorphic flower.

Schraubel, *f.*, bostryx, helicoid cyme.
Schraubelwickel, *m.*, bostryx-cincinnus.
Schraubenblatt, *n.*, screw-like leaf
Schraubendrehflügler, *m.*, seeds or fruits with Fraxinus type of wings.
schraubenförmige Aufrollung, cork-screw spiral.
Schraubengefäss, *n.*, spiral element.
schraubig, *a.*, acyclic.
Schreckbewegung, *f.*, phobismus, repulsive movement.
Schreckfarbe, *f.*, warning color.
schrotsägeförmig, *a.*, runcinate.
Schubfestigkeit, *f.*, shearing strength.
Schülfer, *n.*, scale hair; lepis.
Schülferhaar, *n.*, scale hair; lepis.
Schüppchen, *n.*, lodicule.
Schuppe, *f.*, scale, squama.
schuppenartig, *a.*, scaly.
Schuppenbatt, *n.*, scaly leaf.
Schuppenborke, *f.*, rhytidome.
Schuppendrüse, *f.*, patelliform gland.
Schuppenhaar, *n.*, scale-like hair.
Schuppenhülle, *f.*, tegmen.
Schuppennarbe, *f.*, bud-scale, scar.
Schüttekrankheit, *f.*, timber shake; leaf cast.
Schüttelfrüchtler, *m.*, plants which produce seeds in capsules dispersed when tree is shaken by the wind.
Schuttkraut, *n.*, goosefoot, *Chenopodium sp.*
Schuttpflanze, *f.*, plant growing on rubbish heaps.
Schutzmittel, *n.*, means of protection.
Schutzscheide, *f.*, endodermis.
Schutzspross, *m.*, protective branch.
Schwalbenwurzgewächse, *n., pl.* Asclepiadaceae.
Schwamm, *m.*, mushroom; sponge.
Schwammgewebe, *n.*, spongy tissue.
schwammig, *a.*, spongy.
Schwammschorf, *m.*, Spongospora scab.
Schwärmerblume, *f.*, flower which is pollinated by darters.
Schwarmsporangium, *n.*, zoösporangium.
Schwarmspore, *f.*, swarm spore.
Schwarmstäbchen, *n.*, elongated swarm cell.
Schwarmzelle, *f.*, zoöspore.
Schwarzbeinigkeit, *f.*, black-leg disease.
Schwarzfichte, *f.*, spruce, *Picea nigra.*
Schwarzkiefer, *f.*, pine, *Pinus austriaca.*
Schwarzpappel, *f.*, poplar, *Populus nigra.*
Schwarzwurzel, *f.*, Viper's grass.
Schwebefliegenblume, *f.*, flower pollinated by Syrphids.
Schwefelkalkbrühe, *f.*, lime-sulphur spray mixture.
Schwefelkohlenstoff, *m.*, carbon bisulphide.
Schwellenwert, *m.*, minimum stimulus necessary for reaction.
Schwellgewebe, *n.*, tissue which elongates when pressure is removed.
Schwellkörper, *m.*, lodicule.
Schwellpolster, *n.*, pulvinus.
Schwellwasser, *n.*, distension water.
Schwerkraftwirkung, *f.*, influence of gravity.
Schwerreiz, *m.*, gravity stimulus.
Schwertlilie, *f.*, fleur-de-lis, *Iris sp.*
Schwertliliengewächse, *n. pl.*, Iridaceae.
Schwesterart, *f.*, sister species; biologic species.
Schwiele, *f.*, callus; food-hairs.
Schwimmbewegung, *f.*, ciliary movement.

Schwimmblatt, *n.*, floating leaf.
Schwimmfrucht, *f.*, a fruit or seed which is capable of floating on the water for a certain time.
Schwimmgewebe, *n.*, aërenchyma.
Schwimmholz, *n.*, submerged wood which is made up in large part of aërenchyma.
schwinden, *v. i.*, to shrink.
Schwindriss, *m.*, season crack.
Schwingel, *m.*, fescue grass, *Festuca sp.*
Schwingelgras, *n.*, fescue grass, *Festuca sp.*
Sclerenchymbeleg, *m.*, sclerenchymatous pericycle.
Seeblüte, *f.*, appearance of water at the time of pollen shedding of gymnosperms.
Seegras, *n.*, grass wrack, sea wrack, *Zostera marina.*
Seekohl, *m.*, sea kale.
Seerosengewächse, *n. pl.*, Nymphaeaceae.
Segel, *n.*, velum.
Segelflieger, *m. pl.*, seeds or fruits with the Zanonia type of wings.
Sehne, *f.*, tangential surface.
seicht, *a.*, shallow.
seichtgründiger Boden, soil with high water-table.
Seichtwasserform, *f.*, life in very shallow water.
Seide, *f.*, dodder.
Seidelbast, *m.*, mezereum, *Daphne mezereum.*
Seidenhaar, *n.*, silky hair.
seidenhaarig, *a.*, sericeous.
Seidenpflanzengewächse, *n. pl.*, Asclepiadaceae.
Seifenbaumgewächse, *n. pl.*, Sapindaceae.
Seifenkraut, *n.*, soap-weed.
Seignettensalz, *n.*, Rochelle salt.
Seitenachse, *f.*, lateral axis.
Seitenast, *m.*, lateral branch.
seitenfrüchtig, *a.*, pleurocarpous.
Seitennerv, *m.*, lateral vein.
Seitenspross, *m.*, lateral shoot.
seitenständig, *a.*, lateral.
Seitenwurzel, *f.*, lateral root.
seitenwurzlig, *a.*, pleurorhizal.
Seitenzahnhaar, *n.*, hair dentate on one side.
seitig, *a.*, lateral.
Sekretbehälter, *m.*, gland.
Selbstanpassung, *f.*, direct adaptation.
Selbstbefruchtung, *f.*, self-fertilization.
Selbstbestäubung, *f.*, self-pollination.
Selbstdifferenzierung, *f.*, automorphosis.
Selbststerilität, *d.*, self-sterility.
Selbststeuerung, *f.*, autonomy.
Sellerie, *f.*, celery.
Semesterring, *m.*, secondary ring (in trees).
Senf, *m.*, mustard, *Brassica sp.*
Senfkohl, *m.*, mustard-turnip, *Brassica sp.*
Senker, *m.*, haustorium; layer.
Senkervermehrung, *f.*, layering.
Septaldrüse, *f.*, septal gland (in ovary of monocots).
seriale Beiknospe, *f.*, supra-axillary bud (directly above or below the normal axillary bud).
Seradella, *f.*, *Ornithopus sp.*
sich werfen, *v. r.*, to warp.
Sichel, *f.*, drepanium.
Sichelborste, *f.*, falcate bristle.
sichelförmig, *a.*, crescent-shaped, falcate.
Sichelhaar, *n.*, falcate hair.
sichtbarwerden, *v. i.*, to become visible.
Siebenstern, *m.*, *Trientalis Europae.*
Siebgefäss, *n.*, sieve-tube.
Siebplatte, *f.*, sieve plate.
Siebröhre, *f.*, sieve-tube.
Siebteil, *m.*, conducting cells of phloem.
Siebteilspaltung, *f.*, cleft in phloem.
Siebtüpfel, *m.*, sieve plate.
Siedepunkt, *m.*, boiling point.
Simsengewächse, *n. pl.*, Juncaceae.

Sinnesorgan, *n.*, sense organ; tactile organ.
Sinneszelle, *f.*, sensory cell; tactile cell.
Sippe, *f.*, relation (systematic unit of any degree).
Sippengemisch, *n.*, population.
sitzend, *a.*, sessile.
Sockel, *m.*, pedestal of hair.
Sommerholz, *n.*, spring wood.
Sommerlaubfall, *m.*, summer leaf-drop.
Sommerspore, *f.*, temporary spore which germinates at once.
Sommerwald, *m.*, tropophyllous forest of a cold temperate region.
Sommerwurzgewächse, *n pl.*, Orobanchaceae.
Sonnenblatt, *n.*, heliophilous leaf.
Sonnenblume, *f.*, sunflower.
Sonnenbrand, *m.*, sunscald.
Sonnenpflanze, plant with leaves which contain few chloroplasts.
Sonnentau, *m.*, sundew, *Drosera sp.*
Sonnentaugewächse, *n. pl.*, Droseraceae.
Soredienanflug, *m.*, soredium; brood bud (of lichens).
Sortenauslese, *f.*, select list.
Sortenbauversuch, *m.*, variety test.
Sortenempfindlichkeit, *f.*, varietal susceptibility.
Sortenwahl, *f.*, selection of varieties.
Sortenwechsel, *m.*, exchange of varieties.
Spalierwuchs, *m.*, espaliar growth.
Spaltalgae, *pl.*, Cyanophyceae.
Spaltbarkeit, *f.*, cleavability.
Spaltfrucht, *f.*, schizocarp.
Spaltöffnung, *f.*, stomate.
Spaltpflanze, *f.*, schizophyte.
Spaltpfropfen, *n.*, cleft-grafting.
Spaltpilz, *m.*, bacterium.
Spalttüpfel, *m.*, slit-like pit.
Spaltung, *f.*, segregation; cleavage.
Spaltungsatmung, *f.*, anaërobic respiration.
Spaltungsregel, *f.*, law of segregation.
Spaltungsverzug, *m.*, delayed segregation.
Spaltwand, *f.*, schizogenous wall.
Spaltwunde, *f.*, cleft-wound.
spanisches Rohr, rattan.
Spannfäden, *m. pl.*, threads which connect columella with wall in large hypophysis of certain mosses.
spannrückig, *a.*, asymmetric.
Spargel, *m.*, asparagus.
spatelförmig, *a.*, spathulate.
Spätholz, *n.*, summer wood; late wood.
Specialmutterzelle, tetrad of cells which develop the four spores.
specificierte Anlage, determined primordium.
specifischer Bildungstrieb, automorphosis.
Speiche, *f.*, bar.
Speicherblatt, *n.*, storage leaf.
Speichergewebe, *n.*, storage tissue.
Speicherorgan, *n.*, storage organ.
Speichersprossss, *m.*, storage shoot.
Speichertracheide, *f.*, storage tracheid.
Speicherwurzel, *f.*, storage root.
Speicherzelle, *f.*, storage cell.
Speisepilz, *m.*, edible fungus.
Spektralbezirk, *m.*, a zone in a spectrum.
Spelz, *m.*, glume.
Spermakern, *m.*, sperm nucleus.
spermatoide Spore, *f.*, spore (budding in ascus).
sperrig, *a.*, loosened (soil).
Spiegel, *m.*, mirror (effect produced by medullary rays).
Spiegelfaser, *f.*, medullary ray.
Spiegelnarbe, *f.*, "mirror stigma" (a type of stigmatic surface in certain orchids).
Spiegelseite, *f.*, radial section.
Spielart, *f.*, subvariety.

spiessförmig *a.*, hastate.
Spindel, *f.*, rachis.
Spindelfaser, *f.*, spindle fiber.
Spindelfigur, *f.*, nuclear spindle.
spindelförmig, *a.*, fusiform.
Spindelglied, *n.*, rachis segment.
Spiraldrehung, *f.*, spiralism.
Spiralgefäss, *n.*, spiral element.
Spiralstellung, *f.*, spiral arrangement.
Spiraltracheide, *f.*, spiral element.
Spire, *f.*, anthela.
Spitzahorn, *m.*, maple, *Acer platanoides.*
spitzblätterig, *a.* acutifoliose.
Spitzchen, *n.*, apiculus.
Spitzenanhängsel, *n.*, tip of ventral lobe of Marchantia.
Spitzenaposporie, *f.*, apical apospory.
Spitzendürre, tipburn.
Spitzenwachstum, *n.*, apical growth.
spitzfrüchtig, *a.*, acrocarpous.
Spitzknospe, *f.*, terminal bud.
spitzläufig, *a.*, acrodromous.
Splint, *m.*, sapwood.
Splintholz, *n.*, sapwood.
spontane Änderung, single variation; mutation.
spontane Bewegung, autogenic movement.
spontane Selbstbestäubung, direct autogamy.
spontane Variation, mutation; spontaneous variation.
Sponrangienhäufchen, *n.*, sorus.
Sporangiumfrucht, *f.*, sporocarpium (*Marsilia*).
Sporangiumgrube, *f.*, fovea.
Sporangiumträger, *m.*, sporophyll.
Sporenbehälter, *m.*, spore case.
Sporenblatt, *n.*, sporophyll.
Sporenentleerung, *f.*, spore dispersal.
Sporenfrucht, *f.*, sporocarp.
Sporenhaut, *f.*, sporodermis.
Sporenhülle, *f.*, spore coat.
Sporenknospe, *f.*, female organ (of *Chara*).
Sporenköpfchen, *n.*, spore head.
Sporenkörper, *m.*, the row of teleutospores in Phragmidium.
Sporenmutterzelle, *f.*, spore mother cell.
Sporenschlauch, *m.*, ascus.
Sporenschleuderer, *m.*, elater.
Sporenvorkeim, *m.*, prothallium.
Sporenzelle, *f.*, spore tetrad.
Spörgel, *m.*, spurrey, *Spergula arvensis.*
Sporn, *m.*, spur.
Sporogonfuss, *m.*, foot (of Hepaticae).
Sporophyllähre, *f.*, sporophyll axis.
Sporophyllhöcker, *m.*, sporophyll primordium.
Sporophyllstiel, *m.*, pedicel.
Spreite, *f.*, leaf blade, lamina.
spreizend, *a.*, divaricate.
Spreizklimmer, *m.*, climbing or crawling woody plant.
Spreublatt, *n.*, palea.
spreuborstig, *a.*, fimbrillate.
Spreuhaar, *n.*, lacina.
Spreuschuppe, *f.*, palet.
Springfrucht, *f.*, dehiscent apocarp or syncarp; pod.
sprokes Holz, brittle wood.
Spross, *m.*, shoot.
Sprossachse, *f.*, axis of shoot.
Sprossanlage, *f.*, shoot primordium; plumule.
sprossbürtige Wurzel, adventitious root.
Sprossdorn, *m.*, stem thorn.
Sprossfolge, *f.*, succession of shoots.
Sprossglied, *n.*, phyton; phytomer.
Sprosskeimung, *f.*, budding; sprout germination.
Sprosspilz, *m.*, yeast fungus; sprouting fungus.
Sprosspilz-Keimung, *f.*, sprout germination.
Sprossranke, *f.*, tendril which is morphologically a stem.
Sprossspitze, *f.*, stem apex.
Sprossung, *f.*, budding.
Sprungvariation, *f.*, mutation.

Stäbchenüberzug, *m.*, cuticle consisting of rod-like particles.
Stabzelle, *f.*, columnar sclereid.
Stachel, *f.*, prickle.
stachelästig, *a.*, acanthocladous.
Stachelbeere, *f.*, gooseberry.
stachelfrüchtig, *a.*, acanthocarpous.
Stachelschwamm, *m.*, *Hydnum sp.*
stachelspitzig, *a.*, mucronate, cuspidate.
Stamm, *m.*, stem.
Stammdorn, *m.*, stem thorn.
stammeigener Strang, cauline bundle.
stammeigenes Gefässbündel, common stem bundle.
Stammglied, *n.*, internode, internodal cell.
Stammgrübchen, *n.*, lenticel.
Stammholz, *n.*, trunk-wood.
Stammknospe, *f.*, plumule.
Stammscheitel, *m.* apex of stem.
Stammspitze, *f.*, stem apex.
Stammvegetationspunkt, *m.*, growing point of stem.
Standortsform, *f.*, local group of individuals.
Stärkebaum, *m.*, starch tree.
Stärkebildner, *m.*, leucoplast.
Stärkeknöllchen, *n.*, root tubercle (in Hepaticae).
Stärkescheide, *f.* endodermis.
Stärkezuwachs, *m.*, diameter increment
Starre, *f.*, rigor.
Starrheit, *f.*, rigor.
Staubbeutel, *m.*, anther.
Staubbeutelgrube, *f.*, clinandrium.
Staubblatt, *n.*, stamen.
Staubblatthaar, *n.*, stamen hair.
staubblattvorreif, *a.*, protandrous.
Staubbrand, loose smut.
Staubfach, *n.*, pollensac.
Staubfaden, *m.*, filament.
Staubflieger, *m.*, spore (of Cryptogams); pollen grain.
Staubgefäss, *n.*, stamen.
Staubgrübchen, *n.*, lenticel; ventilating pit.
Stäubling, *m.*, puff-ball.
Staubweg, *m.*, style.
Stauchling, *m.*, shortened shoot.
Staude, *f.*, woody or herbaceous perennial with more or less deciduous branches.
Staudengewächs, *n.*, woody or herbaceous perennial with more or less deciduous branches.
Staudenauslese, *f.*, hill selection.
stechend, *a.*, pungent, sharp.
Stechpalme, *f.*, holly, *Ilex sp.*
Steckling, *m.*, cutting.
stehenbleibend, *a.*, persistent.
stehende Markstrahlzelle, erect ray cell.
Stehwasserblatt, *n.*, erect submerged leaf.
steifborstig, *a.*, hispid.
steifhaarig, *a.*, hirsute.
steile Windung, close coil.
Steilwerden, *n.*, contraction (of spiral).
Steinapfel, *m.*, pome-like fruit in which each locule forms a stone.
Steinbeere, *f.*, drupe.
steinbewohnend, *a.* growing on stones and rocks.
Steinborke, *f.*, stone-cork; phellem changed into sclereids.
Steinbrand, *m.*, stinking smut.
Steinbrech, *m.*, saxifrage.
Steinbrechgewächse, *n. pl.*, Saxifragaceae.
Steinelement, *n.*, stone cell, sclereid.
Steinfrucht, *f.*, drupe.
Steinkern, *m.*, putamen; pyrene; hardened endocarp or pericarp.
Steinkörper, *m.*, stone cell or cluster of stone cells.
Steinkraut, *n.*, *Alyssum sp.*
Steinthylle, *f.*, stone tylosis.
Steinzellenkork, *m.*, cork made up of stone cells.
Stelzenwurzel, *f.*, stilt root, prop root.
Stempel, *m.*, pistil.
Stempelmündung, *f.*, stigma.
Stempelträger, *m.*, gynophore.

Stengel, *m.*, stem.
Stengelgewebe, *n.*, stem tissue.
Stengelglied, *n.*, internode.
Stengelknolle, *f.*, tuber consisting of shortened internodes or of rhizoids (*Chara*).
stengellos, *a.*, acaulose.
Stengelranke, *f.*, tendril which is morphologically a stem.
stengelumfassend, *a.*, sheathing.
Steppenhexe, *f.*, tumble weed.
Steppenläufer, *m.*, tumble weed.
Sternborste, *f.*, stellate bristle.
Sternhaar, *n.* stellate hair.
sternotrieb, *a.*, sternotribal.
Sternschuppe, *f.*, stellate brood-scale.
Stichkultur, *f.*, stab-culture.
Stickstoff, *m.*, nitrogen.
Stiefmütterchen, *n.*, pansy.
Stiel, *m.*, handle of retinaculum; stalk; seta.
Stielchen, *n.*, small stipe; petiolule.
stielrund, *a.*, terete.
stieltellerförmig, *a.*, salver-shaped.
Stielzelle, *f*, stalk cell.
Stipulardorn, *m.*, stipulate spine.
Stipulargrübchen, *n.*, lenticel.
Stirnfläche, *f.*, end face.
Stock, *m.*, caudex.
Stockwerk, *n.*, tier; etage.
Stoffableitung, *f.*, translocation.
Stoffaufnahme, *f.*, intake of substances.
Stoffaustausch, *m.*, exchange of substances.
Stoffaustritt, *m.*, loss of cell content.
Stoffhaushalt, *m.*, metabolism.
Stoffwechselerkrankung, *f.*, physiological disease.
Stopfzelle, *f.*, tylosis.
Storchschnabel, *m.*, geranium.
Storchschnabelgewächse, *n. pl.*, Geraniaceae.
Stossreizbarkeit, *f.*, sensitiveness to shock.
Stossreizstellung, *f.*, position of organ after stimulation through shock.
Stossreizung, *f.*, stimulation by shock or contact.
stossweise, *a.*, successive.
Strahlenbüschel, *n.*, tuft.
strahlend, *a.*, radiating.
Strahlenfilter, *n.*, ray filter.
strahlenförmig, *a.*, actinomorphic.
strahlennervig, *a.*, palmately veined.
Strahlenparenchym, *n.*, ray parenchyma; medullary ray.
strahlige Blüte, actinomorphic flower.
Strang, *m.*, vein; vascular strand.
Stranggewebe, *n.*, vascular bundle; vascular system.
Strangscheide, *f.*, bundle sheath.
Strangverbindung, *f.*, commissural strand.
Strauch, *m.*, shrub.
strauchartiger Thallus, fructicose thallus.
Strauchflechte, *f.*, fructicose lichen.
Strauchflechten, *f. pl.*, Parmeliaceae.
Strauchgras, *n.*, bent grass, *Agrostis sp.*
Strauchwuchs *m.*, shrubby growth.
Strebezelle, *f.*, supporting cell; idioblast; prop cell.
Streckungsphase, *f.*, elongation period.
Streckungswachstum, *n.*, elongation.
Streifenkrankheit, *f.*, streak disease.
Streifenrost *m.* streak rust.
Streufrucht, *f.*, dehiscent fruit.
Strichelchen, *n.*, stria.
Strichkultur, *f.*, stroke culture.
Striegelhaar, *n.*, bristle hair.
striegelhaarig, *a.*, strigose.
Strohaufschliessung, *f.*, processing straw.

Strohwüchsigkeit, *f.*, luxurious growth of straw.
Strömungsblatt, *n.*, submerged leaf which is flat and attenuate.
stumpfkantig, *a.*, obtuse-angled.
Stütze, *f.*, support.
Stützblatt, *n.*, subtending bract.
Stützhypha, *f.*, sterigma in young pycnidium.
Stützleiste, *f.*, "s"-shaped thickened membrane above cell wall of gland.
Stützpflanze, *f.*, plant which serves as support but not as host for other plants.
Stützwurzel, *f.*, prop root.
Subformation, *f.*, facies.
Subhymenialschicht, *f.*, subhymenium.
Suchspross, *m.*, seeker-shoot.
Sumpf, *m.*, swamp.
Sumpfdotterblume, *f.*, marsh marigold, *Caltha palustris.*
Sumpfgebüsch, *n.*, bog.
Sumpfmoor, *n.*, meadow swamp.
Sumpfpflanze, *f.*, helophyte.
Sumpfschachtelhalm, *m.*, horsetail, *Equisetum sp.*
Sumpfwald, *m.*, bog.
Sumpfwiese, *f.*, meadow swamp.
Süsswassersumpf, *m.*, fresh-water bog.

T

Tabak, *m.*, tobacco.
tafelförmig, *a.*, tabular.
täglich, *a.*, diurnal.
Tagesperiode, *f.*, daily periodicity.
Tagesschlaf, *m.*, diurnal position.
Tagesstellung, *f.*, epistrophy.
Tagfalterblume, *f.*, flower pollinated by butterflies.
Tang, *m.*, growth of brown algae.
Tannenbaumhaar, *n.*, abietiform hair
Tannenhexenbesen, *m.*, witch's broom of fir.
Tapete, *f.*, tapetum.
Tapetenzelle, *f.*, tapetal cell.
Tasche, *f.*, plumpocket disease.
Tastreiz, *m.*, contact stimulus.
Tasttüpfel, *m.*, tactile pit.
Taublatt, *n.* leaf adapted for absorption of dew.
Taubnessel, *f.*, dead nettle, *Lamium sp.*
Tauchpflanze, *f.*, submerged plant.
Taumelkerbel, *m.*, *Chaerophyllum temulum.*
Täuschblume, *f.*, flower pollinated by insects which are attracted by false showy nectaries.
Teerfleckenkrankheit, *f.*, tar-spot disease.
Teilband, *n.*, partial band of spiral wall thickening.
Teilchenladung, *f.*, electric charges on particles.
Teilcylinder, *m.*, schizostele.
Teilfrucht, *f.*, diachenium, cremocarp, merocarp.
Teilfunction, *f.*, subsidary function.
Teilhaar, *n.*, component hair.
Teilnuss, *f.*, carcerule.
Teilungsanomalium, *n.*, anomalous division.
Teilwand, *f.*, division wall.
Terminalblüte, *f.*, terminal flower.
Terminalknospe, *f.*, terminal bud.
Thälchen, *n.*, furrow; small valley.
Thallusgeshäuse, *n.*, amphithecium.
Thallusrand, *m.*, a type of prothallus.
Tonboden, *m.*, clay soil.
Tonfilter, *n.*, clay filter.
Tonsteppe, *f.*, clay prairie.
Thylle, *f.*, tylosis.
Tiefschorf, *m.*, deep scab.
Tierblütler, *pl.*, Zöidogamae.
Tierfrüchtler, *m. pl.*, plants adapted for distribution by animals.
Tierpflanze, *f.*, phytozoic plant.

Tochterchromosome, *m.*, daughter chromosome.
tonnenförmig, *a.*, barrel-shaped.
Torfboden, *m.*, humus soil.
Trabeculagewebe, *n.*, lacunar tissue.
Tracheidensaum, *m.*, transfusion tissue.
Tragantpflanze, *f.*, milk vetch, *Astragalus sp.*
Träger, *m.*, girdle, receptacle (of Ascomycetes), suspensor (of Mucor).
Trägerzelle, *f.*, cell containing cystoliths.
Tragbarkeit, *f.*, productivity.
Tragblatt, *n.*, subtending leaf.
Tragknospe, *f.*, inflorescence bud.
Tragzelle, *f.*, stalk cell.
Trampelklette, *f.*, bur which is distributed by clinging to the feet of animals.
Tränen, *n.*, bleeding.
Transfusionsgewebe, *n.*, transfusion tissue.
Transversalblatt, *n.*, median leaf of lateral shoot especially prominent in a decussate primordium.
Traube, *f.*, raceme, bunch of grapes.
traubenform, *f.*, raceme-like form.
Traubenkirsche, *f.*, cherry, *Prunus padus.*
Traubenkörper, *m.*, cystolith.
Traubenwickel, *m.*, botryose cyme.
traubig, *a.*, botryoidal.
Trauerblumengewächse, *n. pl.*, Diapensiaceae.
Trauerform, *f.*, drooping habit.
Träufelspitze, *f.*, leaf attenuated to provide for rapid drainage of water.
treiben, *v.*, to force, to sprout.
Treiben der Knospen, *n.*, gemmation; bursting of buds.
Treibfrucht, *f.*, fruit carried by water currents.
Treiblaubfall, *m.*, partial shedding of leaves just before new buds open (in evergreen Angiosperms).
Treibsamen, *m.*, seed distributed by water currents.
Treibstoff, *m.*, substance which brings about shortening of the rest period.
Treibverfahren, *n.*, method of forcing.
Trennschicht, *f.*, absciss layer.
Trennung, *f.*, separation, abscission.
Trennungsphelloid, *n.*, absciss layer of rhytidome.
Trennungsschicht, *f.*, absciss layer.
Treppengefäss, *n.*, scalariform vessel.
Treppenhoftüpfel, *m.*, bordered pit.
Treppentracheide, *f.*, scalariform tracheid.
Trespe, *f.*, brome grass, *Bromus sp.*
Trichter, *m.*, funnel (of hydathodes).
Triebpflanze, *f.*, perennial with short annual shoots.
Triebwurzel, *f.*, the main or large root of a plant.
Trockenästung, *f.*, heading when branches are dead.
Trockenfäule, *f.*, dry rot.
Trockenfrucht, *f.*, dry fruit.
Trockenpflanze, *f.*, xerophyte.
Trockenriss, *m.*, checking, cracks due to drying.
Trockenstarre, *f.*, drought rigor.
Trockensubstanz, *f.*, dry weight.
Trompetenbaum, *m.*, catalpa.
tropfbarflüssig, *a.*, liquid.
tropisch, *a.*, tropical.
tropischer Lithoralwald, mangrove forest.
Trophoplast, *m.*, plastid.
Trübungstoff, *m.*, turbid substance.

Trugdolde, *f.*, cyme.
Trupp, *m.*, small group of trees.
Tulpenbaum, *m.*, tulip tree.
Tüpfel, *m.*, pit.
Tüpfelgewebe, *n.*, pitted tissue.
Tüpfelkanal, *m.*, pit canal.
Tüpfelraum, *m.*, pit chamber.
Tüpfelschliesshaut, *f.*, closing membrane of pit.
Turgorspannung, *f.*, turgor.

U

übereinandergerollt, *a.*, convolute.
Überdruck, *m.*, hypertony.
Übergang, *m.*, crossing over; transition.
Übergangsform, *f.*, transition form.
Übergangswiderstand, *m.*, resistance produced by opposite electro-motor force on the boundary of two phases.
Übergangszelle, *f.*, transition cell, tracheid.
übergerollt, *a.*, convolute.
Überkrümmung, *f.*, excessive curvature.
Überpflanze, *f.*, epiphyte.
Überschwemmungsblatt, *n.*, leaf which can survive flooding due to its structure and shape.
überwallen, *v. i.*, to heal over.
Uferflora, *f.*, shore vegetation.
Uhrfederranke, *f.*, watchspring tendril.
Uhrfederranker, *m.*, plant bearing watchspring-like tendrils.
Ulmengewächse, *n. pl.*, Ulmaceae.
Umbelliferenfrucht, *f.*, fruit of Umbelliferae.
Umbildung, *f.*, metamorphosis.
Umdrehungsgeschwindigkeit, *f.*, rotation velocity.
umgebogen, *a.*, recurved.
umgeformt, *a.*, transformed.
umgeschlagen, *a.*, reduplicate.
umgestaltender Reiz, metamorphic stimulus.
umgewendet, *a.*, anatropous.
Umladung, *f.*, change in potential.
Umriss, *m.*, the entire margin (of a leaf).
Umschaltungsreiz, *m.*, switching stimulus.
umschlagende Sippe, eversporting variety.
umständig, *a.*, perigynous.
Umstimmung, *f.*, dichogeny.
umstrickter Holzkörper, *m.*, corded wood.
Undurchlässigkeit, *f.*, impermeability.
Unebenheit, *f.*, irregularity.
unecht, *a.*, false.
unfruchtbar, *a.*, sterile; unfruitful.
ungefärbt, *a.*, colorless; achromatic.
ungegliedert, *a.*, non-articulated.
ungeschlechtig, *a.*, asexual.
ungeschlossen, *a.*, open.
ungeteilt, *a.*, non-septate; undivided.
ungleichartig, *a.*, heterogeneous; dissimilar.
ungleichblätterig, *a.*, anisophyllous.
ungleichwimmperig, *a.*, with unequal cilia.
Unkraut, *n.*, weed.
unmittelbar, *a.*, direct.
unter-, *a.*, abaxial.
Unterart, *f.*, subspecies, variety.
Unterblatt, *n.*, ventral lobe, the lower part of a leaf primordium.
unterbrochen, *a.*, broken; interrupted.
Unterhautgewebe, *n.*, hypodermis.
Unterkühlung, *f.*, undercooling.
Unterlage, *f.*, stock (in grafting).
Unterlager, *n.*, prothallus; primordial meristem.

Unterlippe, *f.*, lower lip.
Unterrasse, *f.*, subvariety.
Unterschiedsempfindlichkeit, *f.*, degree of sensitiveness to stimulus.
Unterschiedsschwelle, *f.*, threshold of perceptibility of difference.
unterschlächtig, *a.*, incubous (leaf of liverworts).
unterschwellig, *a.*, giving secondary response to stimulus.
unterständig, *a.*, inferior; hypogynous.
unwesentlicher Spross, *m.*, shoot which only increases photosynthetic area, but which is not needed for fruiting.
Urblatt, *n.*, primordial leaf.
Urfaden, *m.*, protonema.
Urleitbündel, *n.*, central cylinder.
Urmeristem, *n.*, promeristem.
Urne, *f.*, urn (in moss capsule).
Urwald, *m.*, virgin forest.

V

Vacuolenhaut, *f.*, tonoplast.
Vacuolenhöle, *f.*, peripheral cavity (of *Equisetum*).
Vacuolenwand, *f.*, tonoplast.
Variationsbreite, *f.*, range of variation.
Variationsmerkmal, *n.*, varietal character.
Vasalpriman, *m.*, protoxylem element.
Vasalteil, *m.*, protoxylem.
Vegetationskegel, *m.*, vegetation cone.
Vegetationskuppe, *f.*, vegetation cone.
Vegetationspunkt, *m.*, growing point.
Vegetationsring, *m.*, annual ring; annual increment.
vegetieren, *v. i.*, to grow.
Veilchengewächse, *n. pl.*, Violaceae.
Ventralfurche, *f.*, ventral suture in ovule.
Ventralschuppe, *f.*, ventral lobe.
Veraschung, *f.*, incineration.
Verästelung, *f.*, branching.
Veratmung, *f.*, consumption of organic material in respiration.
Verbänderung, *f.*, fasciation.
Verbindungsfaden, *m.*, median spindle fiber.
Verbindungsschlauch, *m.*, nuclear spindle.
Verblühzeit, *f.*, paracme.
verborgen, *a.*, inconspicuous; hidden.
Verbrauchstoff, *m.*, tetaplasm.
Verbreitungsausrüstung, *f.*, equipment or vesture for dissemination.
Verbreitungseinheit, *f.*, distribution unit.
Verbreitungsmittel, *n.*, means of distribution.
Verbrennung, *f.*, combustion, incineration.
Verdauungsdrüse, *f.*, digestive gland.
Verdickungsmasse, *f.*, secondary thickening.
Verdickungsring, *m.*, annual ring.
Verdoppelung, *f.*, doubling.
Verdunstung, *f.*, evaporation.
Veredelung, *f.*, budding; grafting.
Vereinsgebiet, *n.*, society district.
vereintblätterig, *a.*, gamophyllous.
vereintläufig, *a.*, separate.
Vererbung, *f.*, inheritance.
Vererbungsforschung, *f.*, study of heredity.
Vererbungslehre, *f.*, genetics.
Vererbungsregel, *f.*, developmental law of heredity.
Vererbungsstudium, *n.*, inheritance study.
Vererbungssubstanz, *f.*, idioplasm.
Vererbungsvorgang, *m.*, inheritance process.
verfilzt, *a.*, matted.

Verflechtung, *f.*, interweaving.
Vergeilen, *n.*, etiolation.
Vergesellschaftung, *f.*, association
vergilben, *v. i.*, to become pale or yellow.
verholzen, *v. i.*, to lignify.
verjüngt, *a.*, attenuate.
Verjüngung, *f.*, rejuvenation; attenuation.
Verkalkung, *f.*, calcification.
verkehrt eiförmig, *a.*, obovate.
verkehrt herzförmig, *a.*, obcordate.
verkehrt kegelförmig, *a.*, obconical.
Verkernung, *f.*, change from sapwood to heart-wood.
Verkiemung, *f.*, infiltration of wood with resin.
Verkieselung, *f.*, silicification.
Verkohlung, *f.*, carbonization.
verkoppelte Merkmale, *pl.*, coupled characters.
Verkümmerung, *f.*, dwarfing, trace, vestige.
Verlaubung, *f.*, frondescence.
Verlichtung, *f.*, thinning.
Vermehrung, *f.*, reproduction; increase.
Vermischung, *f.*, mixing (of characters).
Vermoderung, *f.*, dry rot.
Vernarbungsgewebe, *n.*, callus tissue; traumatic tissue.
Vernarbungsmembran, *f.*, restitution membrane.
Verquellung, *f.*, swelling.
Verscheinen, *n.*, blasting.
verschiedengriffelig, *a.*, heterostylic.
verschleimt, *a.*, mucilaginous.
Verschleimung, *f.*, gelatinization.
Verschleppungsklette, *f.*, bur which clings to hairs or feathers of animals.
verschlungenfaserig, *a.*, tortuous.
Verschmelzung, *f.*, fusion of parts.
Verschmelzungspfropfbastard, *m.*, a plant resulting from fusion of species—unlike somatic cells.
Verseifung, *f.*, saponification.
Verspillern, *n.*, etiolation.
Versprossung, *f.*, proliferation.
Versteifung, *f.*, stiffening.
Versteinerung, *f.*, sclerenchymatization.
Verstümmelung, *f.*, mutilation.
Verteilkrautgewächse, *n. pl.*, Datiscaceae.
Vervollkommungsprinzip, *n.*, principle of progression.
verwachsend, *a.*, concrescent.
verwachsendblätterig, *a.*, gamophyllous.
Verwachsung, *f.*, fusion of parts; concrescence.
Verwandschaftsbeziehung, *f.*, affinity.
Verwandschaftsgrad, *m.*, degree of relationship.
Verwandschaftsverhältnis, *n.*, hereditary relationship.
Verzweigungsformel, *f.*, inflorescence formula.
Verzwergung, *f.*, dwarfing.
vielehig, *a.*, polygamous.
vielkernig, *a.*, multinucleate; coenocytic.
vielköpfig, *a.*, many-headed.
Vierlingskörper, *m.*, pollen tetrad.
Vielzellbildung, *f.*, formation of a large number of cells.
viersamige Wicke, *Ervum tetraspermum.*
Viertelholz, *n.*, quartered wood.
Vogelbeerbaum, *m.*, mountain ash, *Sorbus aucuparia.*
Vogelblütler, *m.*, orthophyllous flower.
Vogelmaser, *f.*, bird's eye grain.
Vogelmiere, *f.*, chick weed, *Stellaria media.*
Vollholzigkeit, *f.*, approach to cylindrical form (in tree trunks).
vollkommene Dominanz, complete domination.

Vollzellbildung, *f.*, differentiation of the spores in the tetrad.
Vorarbeit, *f.*, preliminary study.
Vorblatt, *n.*, bract; bracteole (of pedicel.
Vorderlage, *f.*, antistrophe.
Vorderseite, *f.*, antical or adaxial side.
Vorfaden, *m.*, protonema.
vorgwölbt, *a.*, arched outward.
Vorhang, *m.*, cortina.
Vorhof, *m.*, outer stomatal cavity.
Vorkeim, *m.*, proembryo.
Vorkern, *m.*, pronucleus.
Vorlager, *n.*, prothallus.
Vorläuferspitze, *f.*, tip of developing leafprimordium.
vorläufige Art, *f.*, tentative species.
vormännlich, *a.*, protandrous.
vorn-, *a.*, adaxial, antical.
vornumläufig, *a.*, emprosthrodromous.
Vorspelze, *f.*, palet.
vorspringend, *a.*, projecting.
vorweiblich, *a.*, protogynous.
Vorwuchs, *m.*, forest rejuvenation.

W

Wabenplasma, *n.*, alveolarplasm, trophoplasm.
Wabentheorie, *f.*, alveolar theory.
Wachsholder, *m.*, juniper.
Wachsausscheidung, *f.*, wax secretion.
Wachsblatt, *n.*, leaf with waxy cuticle.
Wachstumsachse, *f.*, longitudinal axis.
Wachstumsbewegung, *f.*, nutation.
Wachstumsdauer, *f.*, period between initiation and maturity of an organ.
Wachstumserscheinung, *f.*, growth phenomenon.
Wachstumsgeschwindigkeit, *f.*, growth velocity.
Wachstumsgrösse, *f.*, extent of growth.
Wachstumskrümmung, *f.*, growth curvature; nutation.
Wachstumsmesser, *m.*, auxonometer.
Wachstumsstetigkeit, *f.*, active growth.
Wachsüberzug, *m.*, cuticle.
Wachtelweizen, *m.*, cow wheat, *Melampyrum pratense.*
Wahlvermögen, *n.*, power of selection.
Wahrscheinlichkeitswert, *m.*, probable value.
Wald, *m.*, forest.
Waldmeister, *m.*, *Asperula odorata.*
Waldrebe, *f.*, virgin's bower, *Clematis vitalba.*
Waldsimse, *f.*, bulrush, *Scirpus* sylvaticus.
Waldschwingel, *m.*, fescue grass.
Waldwurz, *f.*, angelica.
Wallnussgewächse, *n. pl.*, Juglandaceae.
Walzendrehflieger, *m. pl.*, plants with Haleis type of fruit wings.
walzenförmig, *a.*, cylindrical.
Walzenhaar, *n.*, cylindrical hair.
Wandbeleg, *m.*, primordial utricle.
wandbrüchig, *a.*, septifragal.
Wanderflechte, *f.*, migrating lichen.
Wanderknospe, *f.*, hibernacle.
Wanderstärke, *f.*, transitory starch.
Wandprotoplasm, *n.*, plasma membrane.
wandspaltig, *a.*, septicidal.
wandständig, *a.*, parietal.
Wandzellen, *f. pl.*, cells lining an internal gland.
Wärmereiz, *m.*, heat stimulus.

Warmwasserbeize, *f.*, hot water treatment.
warzig, *a.*, verrucose.
Wasseraufnahme, *f.*, absorption of water.
Wasserausscheidung, *f.*, excretion of water.
Wasserblase, *f.*, modified epidermal cell for water storage.
Wasserblatt, *n.*, water-shedding leaf.
Wasserblattgewächse, *n. pl.*, Hydrophyllaceae.
Wasserblütler, *m.*, hydrophyllous plant.
Wasserdrüse, *f.*, hydathode.
Wasserfrüchtler, *m.*, plant disseminated by water currents.
Wassergewebe, *n.*, water-bearing tissue.
wasserhaltende Kraft, *f.*, water-holding capacity.
Wasserhand, *f.*, *Eupatorium cannabium.*
Wasserhaushalt, *m.*, usage of water in plants.
wasserhell, *a.*, pellucid.
Wasserlinsengewächse, *n. pl.*, Lemnaceae.
Wasserlohe, *f.*, watershoot.
Wasserpfeffer, *m.*, knotweed, *Polygonum hydropiper.*
Wasserpflanze, *f.*, hydrophyte.
Wasserreis, *n.*, watershoot.
Wasserreiz, *m.*, moisture stimulus.
Wasserrispengras, *n.*, manna grass, *Glyceria aquatica.*
wassersaugend, *a.*, water-absorbing.
Wasserschlauchgewächse, *n. pl.*, Lentibulariaceae.
Wasserspalte, *f.*, water pore.
Wasserstoffzahl, *f.*, hydrogen-ion concentration.
Wasserverhältnis, *n.*, water relation.
Wasserversorgung, *f.*, water absorption.
Wasservorrat, *m.*, water supply.
Wasserzinkengewächse, *n. pl.*, Ceratophyllaceae.
Waugewächse, *n. pl.*, Resedaceae.
Weberkarde, *f.*, teasel, *Dipsacus fullonum.*
Wechselbefruchtung, *f.*, dichogamy.
wechselseitig, *a.*, opposite.
wechselständig, *a.*, alternate.
Wedel, *m.*, frond.
Wegerich, *m.*, plantain, *Plantago sp.*
Wegerichgewächse, *n. pl.*, Plantaginaceae.
Wegkrümmung, *f.*, bending away from a support.
Wegwarte, *f.*, chicory, *Cichorium intybus.*
wehrlos, *a.*, unarmed.
weibliche Keimzelle, megaspore; embryo sac.
Weichbast, *m.*, soft bast; phloem without fibers.
Weichbastinsel, *f.*, island of soft bast (within hard bast).
weichhaarig, *a.*, pilose; pubescent.
weichstachelig, *a.*, with soft spines, bristles or other projections.
Weide, *f.*, willow; pasture,
Weidengewächse, *n. pl.*, Salicaceae.
Weidenröschen, *n.*, willow herb, *Epilobium angustifolium.*
Weiderichgewächse, *n. pl.*, Lythraceae.
Weinrebengewächse, *n. pl.*, Vitaceae
Weintraube, *f.*, grape vine; cluster of grapes.
Weissbirke, *f.*, white birch, *Betula alba.*
Weissblättrigkeit, *f.*, albinism.
Weissbuche, *f.*, hornbeam.
Weissbuntheit, *f.*, mottling.
Weissdorn, *m.*, hawthorn.
Weissfäule, *f.* white rot.
Weissfichte, *f.*, white spruce.
Weissklee, *m.*, white clover.

weissrandig, *a.*, white-margined.
Welken, *n.*, wilting.
welkend, *a.*, marcescent.
Wellenholz, *n.*, wood with irregular and undulate grain.
wellig gebogen, *a.*, undulate.
wellig gefaltet, *a.*, folded in waves.
Wendeltreppe, *f.*, spiral (of twining plants).
Wendepunkt, *m.*, point of reversal.
Wendungszelle, *f.*, pivotal cell.
wergartig, *a.*, woolly.
wesentlicher Spross, essential shoot
Wespenblume, *f.*, flower pollinated by wasps.
Wetterpflanze, *f.*, plant which forecasts the weather.
Weymouthkiefer, *f.*, white pine.
Wicke, *f.*, vetch.
Wickel, *m.*, cincinnus.
Wickelschraubel, *f.*, cicinnus-bostryx.
Widerhakenhaar, *n.*, barbed hair.
Widerhakenstachel, *m.*, glochidium.
widerhakig, *a.*, glochidiate.
Wiederholungspross, *m.*, innovation shoot.
Wiese, *f.*, meadow.
Wiesenmoor, *n.*, meadow swamp.
Wiesenrispengrass, *n.*, fescue grass.
Wildling, *m.*, parent stock (on which scion is grafted).
Wimmer, *f.*, gnarl; wood with marked or irregular grain.
wimmeriges Holz, curly grained wood.
Wimper, *f.*, cilium.
Windblatt, *n.*, leaf resistant to wind injury.
Windblume, *f.*, flower which may be both anemophilous and entomophilous.
Windblütler, *m.*, anemophilous plant.
Windengewächse, *n. pl.*, Convolvulaceae.
Windepflanze, *f.*, twiner.
Windfrüchtler, *m.*, plant disseminated by air currents.
Windroller, *m.*, anemochorous fruit.
Windröschen, *n.*, windflower, *Anemone sp.*
Windströmung, *f.*, wind pressure.
Windung, *f.*, spiral.
Wintergrün, *n.*, wintergreen, *Pyrola rotundifolia.*
Wintergrüngewächse, *n. pl.*, Pyrolaceae.
Winterknospe, *f.*, winter bud.
Winterkresse, *f.*, winter cress.
Wintermalve, *f.*, hollyhock.
Winterruhe, *f.*, winter rest period.
Winterspore, *f.*, resting spore.
Wintersteher, *m.*, plant retaining the seed through the winter.
Wipfelpflanze, *f.*, branching tree.
Wirt, *m.*, host.
Wirtel, *m.*, whorl.
wirtelig, *a.*, verticillate.
wirtshold, *a.*, host-limited.
wirtsstet, *a.*, host-limited.
wirtsvag, *a.*, host-diversified.
wirtwechselnd, *a.*, heteroecious.
Wolfsmilch, *f.*, spurge, *Euphorbia sp.*
Wolfsmilchgewächse, *n. pl.*, Euphorbiaceae.
Wollhaar, *n.*, woolly hair.
wollig, *a.*, woolly.
Wollklette, *f.*, bur which clings to wool or feathers of animals.
Wollkraut, *n.*, mullein, *Verbascum sp.*
Wucherblume, *f.*, ox-eye daisy.
Wucherung, *f.*, proliferation.
Wuchsform, *f.*, growth form.
wulstig, *a.*, swollen; padded; torulose.
Wunde, *f.*, wound.
Wundfäule, *f.*, wound rot.
Wundholz, *n.*, callus; traumatic wood.
Wundklee, *m.*, *Anthyllis sp.*
Wundkork, *m.*, wound periderm.

Wundreiz, *m.*, traumatic stimulus.
Wundverschluss, *m.*, wound covering, wound healing.
Wurzel, *f.*, root.
Wurzelanlauf, *m.*, root swelling.
Wurzelausläufer, *m.*, stolon.
Wurzelausscheidung, *f.*, root secretion.
Wurzelausschlag, *m.*, sucker.
Wurzelbrand, *m.*, root necrosis.
Wurzelbüschel, *n.*, rhizothamnium.
Würzelchen, *n.*, rootlet; radicle.
Wurzeldorn, *m.*, root thorn.
Wurzelendodermis, *f.*, endodermis of root.
Wurzelfäule, *f.*, root rot.
Wurzelhaar, *n.*, root hair.
wurzelhaarliefernde Schicht, piliferous region of root.
Wurzelhals, *m.*, root neck; root collar.
Wurzelhaube, *f.*, root cap; calyptra.
Wurzelhaut, *f.*, root epidermis.
Wurzelhülle, *f.*, velamen.
Wurzelkletterer, *m.*, root climber.
Wurzelknöllchen, *n.*, root tubercle.
Wurzelknolle, *f.*, root tuber.
Wurzelkropf, *m.*, crown gall.
Wurzelpetersilie, *f.*, parsley.
Wurzelpilz, *m.*, mycorrhiza.
Wurzelranke, *f.*, root modified into tendril-like organ.
Wurzelscheibe, *f.*, root crown.
Wurzelscheide, *f.*, corallorhiza.
Wurzelschoss, *m.*, sucker.
Wurzelsprosser, *m.*, plant with much branched roots which take the place of a root stalk.
Wurzelstock, *m.*, rhizome, root stalk.
Wurzeltasche, *f.*, root pocket.
Wurzelträger, *m.*, rhizophore.
Wurzelwerk, *n.*, root system.
Wüste, *f.*, desert.
Wüsensteppe, *f.*, semi-desert.

Z

German words of Latin or Greek derivation beginning with Ze, Zi, or Zy, if not found here should be looked for under the letter C.
Zacken, *m.*, tooth; jag.
Zackenschote, *f.*, *Bunias sp.*
zackiges Krönchen, *n.*, jagged crown.
Zahlenreihe, *f.*, series (numerical).
Zäpfchen, *n.*, cone; peg.
Zapfen, *m.*, cone.
Zapfenrhizoid, *m.*, pegged rhizoid.
Zapfenträger, *m. pl.*, Coniferae.
Zeder, *f.*, cedar.
Zeichnung, *f.*, drawing; marking.
Zeitliche Reizwirkung, *f.*, effect product by acceleration and retardation stimuli.
zeitlicher Dimorphismus, polymorphy.
Zeitstaude, *f.*, perennial in which the aërial parts mature so rapidly that they disappear before the growing season is over.
Zellbildung, *f.*, cell formation.
Zelle, *f.*, cell.
zellenähnlich, *a.*, pseudo-cellular.
Zellenanhäufung, *f.*, group of cells.
Zellenbläschen, *n.*, oildrop (in liverworts).
zellenförmig, *a.*, alveolar.
Zellengang, *m.*, cellular duct.
Zellenkörper, *m.*, oildrop (in liverworts).
Zellennaht, *f.*, cell suture.
Zellenpflanze *f.*, plant which lacks vascular tissue.
Zellenstoff, *m.*, protoplasm in cellular units.
Zellfaden, *m.*, cell filament.

Zellfläche, *f.*, tissue.
Zellgewebe, *n.*, tissue.
Zellhaut, *f.*, cell wall.
Zellhöcker, *m.*, cellular prominence.
Zellhügel, *m.*, cellular prominence.
Zellkern, *m.*, nucleus.
Zellkernteilung, *f.*, mitosis.
Zellkörper, *m.*, organ.
Zellleib, *m.*, sarc.
Zellnest *n.*, group of cells.
Zellplasma, *n.*, protoplasm.
Zellreihe, *f.*, row of cells.
Zellsaft, *m.*, cell sap.
Zellsprossung, *f.*, budding.
Zellstoff, *m.*, cellulose, paper pulp.
Zellstoffbalken, *m.*, trabecula.
Zellverjüngung, *f.*, cell rejuvenation; cell metamorphosis.
Zellverschmelzung, *f.*, cell fusion.
Zellwand, *f.*, cell wall.
Zerfallfrucht, *f.*, dehiscent fruit.
Zerklüftung, *f.*, fragmentation.
zerknittert, *a.*, corrugated.
Zerrung, *f.*, stretching.
zerschlitzt, *a.*, lacerated.
zerschnitten, *a.*, dissected.
Zerspaltung, *f.*, dissociation; cleavage.
zerstreute Stellung, abnormal position (of leaves).
zerstreutporiges Holz, diffuse porous wood.
Zeugung, *f.*, reproduction.
Zeugungsverlust, *m.*, apogamy.
Zeugungswert, *m.*, potency.
Zinkenzelle, *f.*, fluke cell.
Zinnkraut, *n.*, horsetail.
Zipfel, *m.*, tip; lobe.
Zisternenpflanze, *f.*, cistern plant.
Zittergras, *n.*, *Brisa sp.*
Zitterpappel, *f.*, aspen.
Zitterpilz, *m.*, gelatinous fungus.
Zopf, *m.*, top (of tree).
Zopfholz, *n.*, top branches.
Zopftrocknis, *f.* dying back of tree tops.
Zotte *f.* shaggy hair.
Zottenfuss *m.*, base of shaggy hair.
zottig, *a.*, villose.
Zuchtrasse, *f.*, breed.
Zuchtwahl, *f.*, selection.
Zuckeranreicherung, *f.*, increase in sugar content.
Zuckergras, *n.*, *Sorghum sp.*
Zufallskurve, *f.*, curve of probability.
Zuführungsspalte, *f.*, external pore of stomate.
zugekehrt, *a.*, facing the main axis.
Zugfaser, *f.*, mantle fiber.
Zugfestigkeit, *f.*, tensile strength.
Zugspannung, *f.*, tissue tension.
Zugwurzel, *f.*, contractile root.
Zukrümmung, *f.*, bending toward a support.
Zuleitungsgewebe, *n.*, intermediate zone (in leaf tissue).
Zunge, *f.*, ligule.
Zungenblüte, *f.*, labiate flower.
zungenförmig, *a.*, ligulate.
Zungenfuss, *m.*, base of ligule; glossopodium.
zurückgebogen, *a.*, reflexed.
zurückgerollt, *a.*, revolute.
zurückgeschlagen, *a.*, reduplicate.
zusammengelegt, *a.*, conduplicate.
zusammengerollt, *a.*, convolute.
zusammengesetzt, *a.*, compound.
Zusammenhang, *m.*, correlation.
Zusammenlaufend, *a.*, convergent.
Zusammensetzung, *f.*, composition.
Zuwachsgrösse, *f.*, growth in length.
Zuwachsring, *m.*, ring of growth.
Zwangsbestäubung, *f.*, cleistogamy.
Zwangsdrehung, *f.*, spiralism.
Zwangsschmarotzer, *m.*, obligate parasite.
Zweigabsprung, *m.*, twig abscission.
Zweigbrücke, *f.*, type of fusion between two hyphae.
Zweigeschlechtigkeit, *f.*, monocliny.
Zweigkletterer, *m.*, branch climber.

Zweigklimmer, *m.*, branch climber.
Zweiglücke, *f.*, ramular gap.
Zweigsteckling, *m.*, branch cutting.
Zweigvorkeim, *m.*, secondary protonema.
zweihäusig, *a.*, dioecious.
zweijährig, *a.*, biennial.
zweijochig gefiedert, *a.*, having two pairs of pinnae.
zweiknöpfig, *a.*, bilobed.
zweilappig, *a.*, bilobed.
zweimächtig, *a.*, didynamous.
zweischneidig reitend, *a.*, equitant (leaves).
zweiseitiger Hoftüpfel, full-bordered pit.
zweistufig, *a.*, diplocaulic.
Zweizahn, *m.*, bur marigold, *Bidens sp.*
zweizeilige Blattstellung, two-ranked alternate leaf arrangement.
Zwerg, *m.*, dwarf.
Zwergmännchen, *n.*, dwarfed male.
Zwergrost, *m.*, rust caused by *Puccinia simplex.*
Zwergunterlage, *f.*, dwarf stock (for grafting).
Zwergwuchs, *m.*, nanism.
Zwiebel, *f.*, bulb; onion.
Zwiebelbrand, *m.*, onion smut.
Zwiebelbrut, *f.*, brood bulb.
Zwiebelhaar *n.*, bulbous hair.
Zwiebelknolle, *f.*, bulbous tuber.
Zwiebelkuchen, *m.*, bulb axis.
Zwiebelschale, *f.*, bulb scale.
Zwiebelschuppe, *f.*, bulb scale.
Zwischenband, *n.*, copula.
Zwischenblattseite, *f.*, interfoliar side.
Zwischenblüte, *f.*, hermaphroditic flower.
Zwischenbündel, *n.*, intermediate bundle.
Zwischengewebe, *n.*, conjunctive tissue, intermediate tissue.
Zwischenknopfhaar, *n.*, aspergilliform hair.
Zwischenmasse, *f.*, ground substance.
Zwischenrasse, *f.*, intermediate race; eversporting variety (with high frequency of sporting).
Zwischenreaction, *f.*, intermediate reaction.
Zwischenstreifen, *m.*, closing layer in lenticel.
Zwischensubstanz, *f.*, hyaloplasm; interstitial substance.
Zwischenwanddrüse, *f.*, intramural gland.
Zwischenwandhaar, *n.*, valvular hair.
Zwischenwirtsvernichtung, *f.*, destruction of alternate host
Zwischenzelle, *f.*, paraphysis.
zwischenzellig, *a.*, intercellular.
zwitterig, *a.*, hermaphroditic.
Zwitterion, *n.*, amphoteric ion.
Zwitterreife, *f.*, homogamy.

DUTCH-ENGLISH

A

aalbes, currants.
aaltje, nematode.
aaneeengehecht, adherent.
aangegroeid, adnate.
aanleg, formation, initiation.
aar, spike.
aardappel, potato.
aardbezie, strawberry.
aarde, earth.
aardnoten, peanuts.
aartje, spikelet.
achtergrond, background.
achterzij, dorsal side.
ademhaling, respiration.
ader, vein.
afgeplat, flattened.
afgerond, rounded.
afgestompt, truncated.
afhangend, pendulous.
afleggen, layering.
afstaande, spreading.
afvallend, deciduous.
afwijkend, abnormal.
afwisselend, alternate, changeable.
akker, field.
altijd bloeiend, ever-flowering.
anhechtingsplaats, insertion point.
appelboom, apple-tree.
appelvormig, pomiform.
armbladig, with few leaves.
as, axil.
asstandig, axial.
augurk, pickling cucumber.

B

baard, awn.
bandvorming, fasciation.
bast, bark.
bastaard, hybrid.
bastaardeering, hybridization.
bebladerd, with leaves.
bedekt, covered.
bedektbloeiend, cryptogamous.
bedektzadig, angiospermous.
beenachtig, bony.
begeleidende cel, companion cell.
behaard, pilose.
beharing, hairy covering.
bekerplant, pitcher plant.
bepoederd, powdery.
berk, birch.
bes, berry.
besachtig, berry-like.
beschadiging, injury.
beschimmeld, mouldy.
besemachtig, like a broom.
bestuiving, pollination.
beuk, beech.
bevruchten, to fertilize.
bewassing, covering of wax.
bewegelijk, versatile.
bies, rush.
biesachtig, rush-like.
biet, beet.
bijeenbrengen, to gather.
bijkomend, accessory.
bijkroon, paracorolla.
bijna eirond, subovate.
bijna hartvormig, subcordate.
bijna zeegroen, glaucous.
bijscherm, secundary umbel.
binnenlaag van de vrucht, endocarp.
binnenwaarts, introrse.
bitterzoet, bittersweet.
blaadje, leaflet.
blaas, vesicle, blister.
blaasvormig, vesicular.
blad, leaf.

bladachtig, leaf-like.
bladgewricht, leafjoint.
bladgroen, chlorophyll.
bladgroenhoudend, chlorophyll-containing.
bladknop, leafbud.
bladligging, prefoliation.
bladlitteeken, leafscar.
bladloos, aphyllous, without leaves.
bladmoes, leafpulp.
bladmosses, mosses.
bladoksel, leaf axil.
bladscheede, leaf sheath.
bladschijf, leaf blade.
bladskelet, leaf skeleton.
bladstand, phyllotaxis.
bladsteel, petiole.
bladstengel, phyllode.
bladtop, apex of leaf.
blad voet, leaf base.
bloeikolf, spadix.
bloeiwijze, inflorescence.
bloem, flower.
bloembekleedsel, perianth.
bloemblad, petal.
bloembladachtig, petaloid.
bloembodem, receptacle.
bloembollen, flowering bulbs.
bloemdek, perigone, perianth.
bloemdragend, floriferous.
bloemhoofdje, small head.
bloemhoofdvormig, head-shaped.
bloemkatje, catkin.
bloemkool, cauliflower.
bloemkorfje, head of flowers.
bloemkroon, corolla.
bloempje, floret.
bloemscheede, spathe.
bloemsteeltje, pedicel.
bloemsteel, peduncle.
boekweit, buckwheat.
boerenkool, kale.
bol, bulb; convex.
bolachtig, bulbous.
boldragend, bulbiferous.
bolknop, bulbil.
bolletje, bulblet.
bont, variegated.
boom, tree.
boomachtig, arborescent.
boompje, small tree.
boon, bean.
borstelig, bristly, setose.
bosch, wood.
boschbes, huckleberry.
boschviooltje, violet.
boven elkaar, above each other.
bovenstandig, superior.
bovenzij, upper side.
bramen, blackberries.
brandnetel, stinging nettle.
breed, broad.
breedbladerig, with broad leaves.
breedvruchtig, with broad fruits.
breekbaar, fragile.
buigzaam, flexible.
buik, venter.
buikvormig, ventricose.
buis, tube.
buisvormig, tubular.
buitenkant, outside.
buitenste, outermost.

C

cel, cell.
celholte, cell lumen.
celstof, cellulose.
celvocht, cell sap.
celwand, cell wall.
chromosoomgetal, chromosome number.
cirkelrond, circular.
cirkelvormig, orbicular.
citroen, lemon.
copuleeren, to copulate, to graft.

D

dag, day.
dakpanvormig, imbricate.
dal, valley.
dauw, dew.
dauwbramen, dewberries.
deel, part.
deelings figuur, karyokinetic figure.
deelweefsel, meristematic tissue.
den, pine tree.
dicht, dense.
diep, deep.
diffusie, diffusion.
dik, thick.
dikwijls, often.
distel, thistle.
dochtercel, daughter cell.
domineerend, dominant.
dons, down.
donzig, villose.
doorboord, perforated.
doorlatend, permeable.
doorlatendheid, permeability.
doorgroeid, perfoliate.
doorgroeiend, accrescent.
doorn, thorn.
doornig, thorny.
doorntje, small spike.
doorschijnend, transparent.
dopvrucht, achene.
dor, arid.
dotterbloem, marsh marigold.
draad, filament.
draadvormig, filamentous, filiform.
driedeelig, trichotomous.
driehoekig, triangular.
driehoeksgriffeling, triangulate graft.
drielobbig, tri-lobate.
drijvend, floating.
droog, dry.
droog substantie, dry matter.
druif, grape.
druiventros, grape, bunch of grapes.
dubbelgekield, bicarinate.
dubbelgeveerd, bipinnate.
duidelijk, distinct.
dunbladerig, thin-leaved.
duntakkig, with thin branches.
dwarsdoorsnee, cross section.
dwarstuschenschot, intermittent cross wall.
dwergachtig, dwarfy.

E

eeltig, callous.
eenbessig, monococcus.
eenbladerig, monophyllous.
eenbroederig, monadelphous.
eenvruchtig, monocarpous.
eenhoofdig, monocephalous.
eenhuizig, monoecious.
eenjarig, annual.
eenkleurig, unicolored.
eenslachtig, unisexual.
eenstriemig, univittate.
eenzadige vrucht, achene.
eenzaadlobbige, monocotyledonous.
eetbaar, edible.
ei, ovum.
eicel, egg cell.
eiertok, ovary.
eik, oak.
eikel, acorn.
eindelingsch, terminal.
eindknop, terminal bud.
eirond, ovate.
eitje ovule.
eivormig, oval.
eiwit, albumen.
eiwitachtig, albumen.
els, alder.
entbastaard, graft hybrid.
enthout, scion.
entwas, grafting wax.
enttwijg, scion.
erfelijk, hereditary.

erfelijkheid, hereditability.
erwt, pea.
erwtvormig, pea-shaped.
eschdoorn, maple.
even, equal.
evenwijdig, parallel.

F

fijngespitst, cuspidate.
fijngetand, denticulate.
fluweelachtig, velvety.
framboos, raspberry.

G

gaaf, entire.
geaderd, veined.
gebaard, bearded.
gebogen, curved.
gebundeld, fasciculate.
gedaante, habit, shape, form.
gedeeld, divided.
gedraaid, twisted.
geel, yellow.
geelachtig, yellowish.
gegaffeld, dichotomous.
gegolfd, undulated.
gehoornd, horny.
gekerfd, crenelled.
gekield, carinate.
gekleurd, colored.
geknikt, knee-shaped.
gekruist, decussate.
geleding, internode.
geleiachtig, gelatinous.
gelijk, equal.
gelobd, lobate.
geneeskrachtig, officinal.
generfd, nerved.
gepaard, paired.
geplooid, ruffled.
gepolijst, laevigate.
gepunt, mucronate, pointed.
geraamte, skeleton.
gerst, barley.
gescheurd, lacerate.
geslacht, sex.
geslachtscel, gamete.
geslachtskern, gamete nucleus.
geslachtsnaam, genus name.
gespleten, split.
gespoord, calcarate, spurred.
gesteeld, pedunculate.
gestreept, striate.
getakt, ramose.
getand, dentate.
getopt, beheaded.
getralied, latticed.
geur, odor.
gevederd, pinnate.
geveerd, pinnate.
gevind, pinnate.
gevlekt, maculate.
gevoeligheid, susceptibility.
gevorkt, furcate.
gevouwen, plicate.
gewelfd, convex.
gewimperd, ciliate.
gewonden, tortuous.
gewoon, common.
gewrichtscel, joint or hinge cell.
gezaagd, serrate.
gierst, spelt.
gisting, fermentation.
gistzwam, yeast.
glad, glabrous, smooth.
golvend, waxy, undulate.
gomafscheiding, gum secretion.
gootvormig, channelled.
gordel, girdle, zone.
gras, grass.
grauw, grey.
grens, boundary.
griffeling, grafting.
groeibarst, growth crack.
groeipunt, vegetative point.
groeiomstandigheid, condition of growth.

groeiring, intercalary meristem.
groeivoorwaarde, condition of growth.
groen, green.
groenten, vegetables.
groenbloemig, with green flowers.
groep, group.
grond, soil.
grond water, soil water.
groot, great.
grootbladerig, with large leaves.
grootbloemig, with large flowers.

H

haagwinde, bindweed.
haak, hook.
haakvormig, uncinate.
haar, hair.
haarfijn, capillary.
haarkelk, pappus.
halm, culm.
half cirkelvormig, hemi-spherical.
handdeelig, palmately divided.
handspletig, palmatifid.
handvormig, palmate.
hanekam, cockscomb.
hardheid, hardiness, strength.
harig, pubescent.
hars, resin.
harsachtig, resinous.
hartvormig, cordate.
hauw, silique.
hauwtje, silicule.
haver, oats.
hazelnoot, filbert (fruit)
hazelaar, filbert (plant)
heester, shrub.
heksenbesem, witch's broom.
helder, luminous.
helm, helmet.
helmbindsel, connective.
helmdraad, filament.
helmig (een, twee), monandrous, diandrous.
helmknop, anther.
herfstachtig, autumnal.
herhaaldelijk, repeatedly.
hoekig, angular.
hok, locule, cell.
hokkig, locular.
hol, concave.
hondsdraf, ground ivy.
honigbakje, nectary.
hoofdnerf, midvein.
hoofdvormig, pin-headed.
hoog, high.
hout, wood.
houtachtig, ligneous, woody.
houtgedeelte, xylem.
houtparenchym, wood parenchyma.
houtstof, lignin.
houtstraal, medullary ray.
huid, scale, skin.
huidmondje, stomate.
hulsel, cover, integument.
hulst, holly.

I

iep, elm.
ingedrukt, depressed.
ingesneden, incised.
inheemsch, indigenous.
in het water levend, aquatic.
in meren groeiend, growing in lakes.
inhoud, content.
insnijding, incision.
intercellulaire ruimten, intercellular spaces.

J

juk, pair (pair of leaves).

K

kafblaadje, glume.
kafje, bract, scale.
kamvormig, crested.
kamperfoelie, honeysuckle.
kastanje, chestnut.
kegel, cone.
kegelvormig, conical.
kelk, calyx.
kelkblad, sepal.
kenmerk, character.
kern, nucleus.
kerndeeling, nuclear division.
kernlichaampje, nucleolus
kernlissen, chromosomes.
kernplaat, aequatorial plate.
kern spoel, nuclear spindle.
kerntepel, nucellus.
kers, cherry, cress.
keukenzoutoplossing, salt solution.
kiem, embryo.
kiembaar, germinable, fertile.
kiemblad, cotyledon.
kiemen, to germinate.
kiemporie, germ pore.
kiemwit, endosperm.
kiemwitkern, endosperm nucleus.
kiemzak, embryosac.
kiezelzuur, silica.
klaproos, poppy.
klaver, clover.
klaverzuring, *Oxalis* sp.
kleinbladig, small-leaved.
kleinbloemig, small-flowered.
kleur, color.
kleurloos, colorless.
kleurstofvormer, chromoplast.
kleverig, viscid.
klier gland, papilla.
klierachtig, glandular.
klimmend, climbing.
klimop, ivy.
klokhuis, core.
klokvormig, bell-shaped.
klosvormig, spindle-shaped.
kluwenstadium, prophase (in nuclear division).
knoestig, nodose.
knikkend, nodding.
knods, club.
knodsvormig, club-shaped.
knoflook, garlic.
knol, tuber.
knolletje, tubercle.
knolvormig, tuberous.
knoop, node.
knoopig, nodose.
knop, eye, bud.
knopbekeedsel, tegument, integument.
knopje, gemmule.
knopmutatie, bud mutation.
knopschub, bud scale.
knopvarian bud variation.
kogelrond, globose.
koker, tube, cylinder.
komkommer, cucumber.
kool, cabbage.
koolzuur, carbon dioxide.
koren, cereals.
koren bloem, cornflower.
korrel, granule.
korrel, grain.
korrelig, granular.
korstmos, lichen.
kort, short.
korthaarig, hirsute.
kraakbeenachtig, cartilaginous.
kracht, strength.
krans, whorl.
kransvormend, verticillate.
krawswijs, whorl-like.
krijtachtig, calcareous.
kring, cylinder, ring.

krom, sinuate.
kromnervig, curved nervature.
kroot, red beet.
kropsla, head lettuce.
kruid, herb.
kruidachtig, herbaceous.
kruik, pitcher.
kruikvormig, urceolate.
kruipend, creeping.
kruisoes, gooseberry.
kruisbevruchting, cross fertilization.
kruisbloemig, cruciferous.
kruisdragend, cruciferous.
kruisen, to cross, to hybridize.
kruising, cross.
kruisvormig, cruciate, cross-shaped.
kuifvormend, tufted.
kurk, cork.
kurkachtig, corky.
kurkstof, suberin.
kurkvlek, cork spot or area.
kurkvlies, cuticle.
kweeker, horticulturist.
kweekerij, nursery.
kweekgrass, quack grass.
kweepeer, quince.
kwijnen, to wither.

L

laagblijvend, dwarf, low.
laat, late.
laatbloeiend, late-flowering.
lancetbladerig, lancifoliate.
langbladerig, long-leaved.
langbloemig, long-flowered.
langwerpig, elongated.
lansvormig, lanceolate.
leden, internodes.
leer der paddestoelen, mycology.
leeuwenbek, snapdragon.
legeren, lodging (of grain).
lelie, lily.
lelietje der dalen, lily of the valley.
lensvormig, lenticular.
lente, spring.
leven, life.
levend, living.
levend voorortengend, viviparous.
levensduur, vitality.
leverbloempje, *Hepatica* sp.
levermos, liverwort.
lid, internode.
lidpeul, loment.
lidpeulvormig, lomentaceous.
liervormig, lyrate.
liggend, decumbent.
lijnvormig, linear.
lip bloemig, labiate.
lipvormig, labiate.
lisch (bloem), iris, flag.
lischdodde, cat's tail.
litteekens, scars.
lob, lobe.
loof, foliage.
loofbladerenhebben, deciduous.
loofboom, deciduous tree.
looistof, tannin.
look, leek.
lorkenboom, larch.
loof der kryptogamen, thallus.
luchtwortel, aerial root.

M

maankruid, poppy.
madeliefje, daisy.
mannelijk, masculine.
marentak, mistletoe.
meeldraad, stamen.
meelig, farinaceous.
meerjarig, perennial.
meidoorn, hawthorn.
melkdistel, milk-thistle.
melk zuur, lactic acid.

merg, pith.
mergweefsel, pith tissue.
met breede streepen, fasciate.
met een bloemblad, monopetalous.
met een kelkblad, monosepalous.
met een snavel, rostrate.
met een omwindsel, involucrate.
met evenwijdigloopende nerven, with parallel veins.
met franjes, fringed, fimbriate.
met gaafrandige bladen, entire-leaved.
met glanzende vruchten, with shining fruits.
met groote bloemhoofdjes, macrocephalous.
met groote wortels, with large roots.
met gezaagde bladeren, with serrate leaves.
met losse kelkbladeren, with separate sepals.
met mos begroeid, mossy.
met oogjes, ocellate.
met rechtopstaande doornen, with upright thorns.
met tegenovergestelde bloemen, with opposite flowers.
met vergroeide bloemenbladeren, gamopetalous.
met vele stengels, multicaulous.
met vooren, furrowed.
meting, measurement.
middelste, intermediate, central.
middennerf, midrib.
moedercellen, mother cells.
moeras, marsh.
moerassig, marshy.
moerbei, mulberry.
moerbezie, mulberry.
moestuin, vegetable garden.
molsla, blanched dandelion leaves.
mondvormig, mouth shaped.
mos, moss.
mosachtig, mossy.
mosterd, mustard.
muurbloem, wall flower.

N

naakt, naked.
naaktbloemig, nudifloral.
naaktstelig, nudicaulous.
naaktzaadig, gymnospermous.
naaktvruchtig, with naked fruits.
naald, needle.
naald boomen, conifers.
naaldvormig, needle-shaped.
nachtelijk, nocturnal.
nachtschade, night shade.
nagelvormig, nail-shaped.
nakomeling, descendant.
nauw, narrow.
nawerking, after result.
nederliggend, procumbent, lodging.
neergebogen, reclined.
neerliggend, prostrate.
nerf, vein.
nervatuur, venation.
netel, nettle.
netelbladig, nettle-leaved.
netvat, reticulate vessel.
netvormig, reticulate.
nevel, fog.
nevencel, subsidiary cell (of stomate).
nier, kidney.
niervormig, kidney-shaped.
noot, nut.
noteboom, walnut tree.

O

(het) oculeeren, budding.
oerstof, protoplasm.
okkernoten, walnuts.
oksel, axil.
okselstandig, axillary.
olienoten, peanuts.

olm, elm.
omgebogen, bent.
omgekeerd, inverse, reciprocal.
omgekeerd eivormig, ob-oval.
omgekeerd hartvormig, obcordate.
omgekeerde kruising, reciprocal cross.
omgeslagen, curved.
omtrek, circumference.
omwindsel, involucre.
omwindseltje, involucel.
onbuigzaam, inflexible.
onderaardsch, subterranean.
onder de bladeren, hypophyllous.
onder de stamper, hypogynous.
ondergedoken, submerged.
onderhuid, hypodermis.
onderscheidingskenmerk, character.
onderstammen, stock.
onderstandig, inferior.
onderste, inferior, lowest.
onderzij, lower side.
onderzoek, investigation.
ondoorschijnend, opaque.
oneven, unequal.
ongedeeld, undivided.
ongekleurd, colorless.
ongelijk, unequal, uneven.
ongelijkbladerig, heterophyllous.
ongelijkkleurig, variegated, of many colors.
ongelijkslachtig, heterogeneous.
ongesteeld, sessile.
ongevoelig, immune.
onregelmatig, irregular.
ontstaan, origin.
ontleedkunde, anatomy.
ontwikkeling, development.
onveranderlijk, invariable.
onvruchtbaar, sterile.
onzichtbaarbloeiend, cryptogamous.
oog, eye, bud.
ooggleuf, eye-groove.
oogje, small eye.
oor, ear.
oostelijk, oriental.
op de aarde groeiend, terrestrial.
op muren groeiend, growing on walls.
op planten groeiend, epiphytes.
op rotsen groeiend, growing on rocks.
opeengehoopt, glomerate.
opgevuld, filled.
ophoopen, storage.
oplossing, solution.
oplosbaar, soluble.
opgeblazen, inflated.
opperhuid, epidermis.
opperhuidweefsel, dermal tissue.
oppervlakkig, superficial.
opslorpen, to absorbe.
opstijgend, erect.
orde, order.
osmose, osmosis.
osmotischekracht, osmotic pressure.
ouders, parents.
ovaal, oval.
overblijvend, perennial.
overgang, transition.
overrijpheid, overripeness.

P

paardeboon, broad bean, horse bean.
paardebloem, dandelion.
paardekastanje, horse chestnut.
paardestaart, horsetail.
paddestoel, fungus.
parenchymweefsel, parenchyma tissue.
peen, carrot.
peer, pear.
peervormig, pyriform.
pen of spilvormig, fusiform.
penseelvormig, penicilliform.
pereboom, pear tree.
perzik, peach.
perzikboom, peach tree.
peterselie, parsley.
peulvrucht, legume.

pijlkruid, arrow leaf.
pijlvormig, arrow-shaped.
pitvrucht, pomaceous fruit.
plaatsing, placing.
plantekas, greenhouse.
plantkunde, botany.
pluim, panicle.
pluimvormig, paniculate.
poortje, micropyle.
popel, poplar.
populatie, population.
poreus, porous.
priemvormig, awl-shaped.
prikkels, thorns.
princesseboon, string beans.
proef, experiment.
proef station, experiment station.
pruim, plum.

R

raap, turnip.
raapvormig, turnip-shaped.
raapzaad, *Brassica rapa.*
radijs, radish.
radvormig, wheel-shaped.
randstandig, marginal.
rank, tendril.
recessief, recessive.
recht, straight.
reductiedeeling, reduction division.
regelmatig, regular.
reuk, odor.
richting, direction.
ridderspoor, larkspur.
riemvormig, strap-shaped.
reitachtig, reed-like.
rijen, rows.
rijkbloeiend, abounding in flowers.
rijp, hoar-frost, ripe.
rijs, twig.
rijsje, small twig.
roede, rod.
roedevormig, twig-shaped.
rogge, rye.
rolrond, cylindrical.
rolvormig, cylindrical.
rondbladig, round-leaved.
rondvruchtig, with round fruits.
rood, red.
roodsnotschimmel, red smut fungus.
roomsche boon, broad bean, Windsor bean.
roos, rose.
rosetachtig, collected into a rosette.
rozekransvormig, moniliform.
ruimte, space, vacuole.
ruitvormig, diamond-shaped.
rusttoestand, resting condition.
ruw, rough.
ruwvruchtig, with rough fruits.

S

saamgegroeid, grown together.
saamhelmig, syngenesious.
safraan, saffron.
salade, lettuce.
salie, sage.
samengedrukt, compressed.
samengepakt, conglomerate.
samengesteld, composite.
sappig, succulent.
schaapszuring, sheep-sorrel.
schadelijk, pernicious.
schaduw, shadow.
scheede, sheath.
scheef, oblique.
scheidingswand, division wall.
schenkbladvormig, hypocrateriform.
scherm, umbel.
schermdragend, umbelliferous.
schermpje, umbellule.
scherp-doornig, sharp-thorned.
scherpharig, strigose.

schermvormig, umbrella-shaped.
schietend, sprouting.
schil, scale, peel, skin.
schild, shield.
schildnervig, peltinerved.
schildvormig, peltate.
schild-vormig, scutellate.
schijf, blade.
schijnblad, phyllode.
schijnstam, pseudo-stem.
schijnvrucht, pseudo-fruit.
schimmel, mould.
schorsweefsel, cortical tissue.
schotelvormig, patelliform.
schub, scale.
schubachtig, scale-like.
schubbig, scaly.
schurft, scab, scurf.
schutblad, bract.
selderij, celery.
sidderen, to tremble.
sikkelvormig, sickle-shaped.
sla, lettuce.
slaapbol, *Papaver somniferum.*
slaapverwekkend, somniferous.
slank, slender.
slijm, slime.
slijmerig, mucilaginous.
sluitcel, guard cell (of stomate).
smalbladig, narrow-leaved.
smeerwortel, comfrey.
snavel, rostellum, beak.
sneeuwbes, snowberry.
snijboon, case-knife bean.
snitten, cutting.
snoeien, to prune.
soort, species, kind.
soortskenmerk, varietal character.
soortsnaam, species name.
spanning, turgor.
spar, fir.
spatel, spathe.
spatelvormig, spatulate.
spiesbloemig, thysifloral.
spiesvormig, spear-shaped.
spijkervormig, nail-shaped.
spinazie, spinach.
spiraal, spiral.
spiraalvat, spiral vessel.
spiralvormig, spirally.
spits, muricate.
spleet griffeling, cleft grafting.
splitvrucht, schizocarp.
spoel, spindle.
spoeldraden, spindle fibers.
spons, sponge.
spoor, spur, spore, trace.
sporenhoopje, sorus.
spruitkool, Brussel's sprouts.
spruitjes, Brussel's sprouts.
staart, tail.
stagnatierossen, shortened internodes.
stam, stem.
stamper, pistil, style.
steenachtig, stony.
steenvrucht, drupe.
steil, fastigiate.
stek, cutting.
stekel, prickle.
stekelig, with prickles.
stekend, prickly.
stempel, stigma.
stengel, stalk.
stengelleden, internodes.
stengellid, internode.
stengelloos, acaulous.
stengelomvattend, stem-clasping.
stengeltje, small stem.
stengeltop, stem tip.
steriliteit, sterility.
sterk, strong.
stervormig, stellate.
steunblaadje, stipule.
stevig, strong, rigid.
stijf, rigid.
stijfhaarig, hispid.
stijl, style.
stijlhelmig, gynandrous.
stikstof, nitrogen.
stippelcel, pitted cell.
stippelvat, pitted vessel.
stomp, obtuse.
stompbladig, obtuse-leaved
stoppelig, stubble-like.
stoppeltje, small stubble.
stroo, straw.

strooblaadje, chaff.
strooming, streaming (of protoplasm).
struik, shrub.
struikachtig, shrubby.
stuifmeel, pollen.
stuifmeelbuis, pollen tube.
stuifmeelmoedercel, pollen-mother cell.
stuifmeelzakje, microsporangia.
suiker, sugar.
suikerbiet, sugar beet.
suikerriet, sugar cane.

T

tabak, tobacco.
tafelvormig, table-shaped.
tak, branch.
talrijkheid, quantity.
tand, tooth.
tarwe, wheat.
taxus, yew.
teeltlaag, cambium.
tegenovergesteld, opposite.
tegenstelling, contrast.
teruggebogen, bent back.
teunisbloem, evening primrose.
terugkruisen, back crossing.
toegespitst, pointed.
toestelletje, apparatus.
toeval, chance.
toevallig, adventitious.
toevalswet, law of chance.
tongetje, ligule, strape.
tongvormig, ligulate
tonvormig, barrel-shaped.
tot de zee behoorend, pontic.
tot den bloei behoorend, floral.
trechter, funnel.
trechtervormig, funnel-shaped.
trompetvormig, trumpet-shaped.
treurboom, weeping tree.
tros, raceme.
trosvormig, racemose.
tuil, corymb.
tuin, garden.
tuinboon, Windsor bean.
tuinbouw, horticulture.
tuinman, gardener.
tuintje, small garden.
tulp, tulip.
tulpenboom, tulip tree.
turf, peat.
tuschen de bladeren, interfoliar.
tuschen de bladstelen, interpetiolar.
tuschen de cellen, intercellular.
tuschenruimte, intercellular space.
tweebroederig, diadelphous.
tweehuizig, dioecious.
tweejarig, biennial.
tweelobbig, two-lobed.
tweemachtig, didynamous.
tweeslachtig, amphibious.
tweesnijdend, two-edged.
tweespletig, bifidate.
tweezaadlobbige planten, dicotyledonous plants.
twijg, twig.

U

ui, onion.
uitbotting, budding.
uiteinde, tip (of root).
uiterlijk, appearance.
uitgesneden, excised.
uitgeschulpt, scalloped.
uitgespreid, spreading.
uitheemsch, exotic.
uitloopen, budding.
uitlooper, shoot, runner.
uitmendelen, to mendelize.
uitrekking, stretching.
uitschieten, to run out.
uitspringend, projecting.
uitstekend, emerged.
uitstoeling, clump.
uitwaseming, transpiration.

V

vaatbundel, vascular bundle.
vaatbundelstelsel, vascular bundle system.
vaatcryptogamen, Pteridophytes.
valsch, false.
van ongelijke gedaante, heteromorphous.
varen, fern.
variabiliteit, variability.
veelarig, many-spiked.
veelbladig, polyphyllous.
veelbloemig, multifloral.
veelboederig, polyadelphous.
veelhelmig, polyandrious.
veelhokkig, plurilocular.
veelkleurig, multicolored.
veelrijig, polystichous.
veelspletig, multifid.
veelstelig, polygamous.
veelvormig, polymorphous.
veelvruchtig, polycarpous.
veelzadig, many-seeded.
veerachtig, plumose.
veerkracht, elasticity.
veerlobbig, pinnately lobed.
veernervig, pinnately veined.
veerspletig, pinnatifid.
venkel, fennel.
veranderen, to alter.
veranderlijk, changeable.
verdamping, transpiration.
verdeeling, division.
veredelen, grafting.
verdroogd, shriveled.
vergiftig, poisonous.
verhard, hardened.
verhout, lignified.
verkleuring, discoloration.
vermeerdering, reproduction, increase.
vermenigvulding, propagation.
vertakking, branching.
verschil, difference.
verschrompelen, to shrivel up.
verspreid, scattered.
verspreidbloemig, with scattered flowers
verstrooid, sporadic.
verwelkt, faded.
vetplanten, Crassulaceae.
vezel, fiber.
vezeltje, fibril.
vezelig, fibrous.
viermachtig, tetradynamous.
vijfbladig, with five leaves.
vijg, fig.
vijver, pond, marsh.
vin, pinna.
vingerhoedskruid, *Digitalis* sp.
vilt, felt, down.
filtig, tomentose.
vingervormig, digitate.
vinspletig, pinnatifid.
violieren, stocks.
viooltje, pansy.
vlak, plane, flat.
vlakbladig, flat-leaved.
vlas, flax.
vlas bek, *Linaria* sp.
vleezig, fleshy.
vleugel, wing.
vleugelvormig, wing-shaped.
vleugelvrucht, samara.
vlier, elder.
vlierpit, elder pith.
vliezig, coriaceous, membranaceous.
vlinder, butterfly.
vlinderbloemig, leguminous.
vloeistof, liquid.
vlokkig, floccose.
vluchtig, volatile.
vochtblazen, vacuoles.
vochtig, moist.
voeding, nutrition.
voedingsstof, food material.
voedingszouten, nutrient salts.
voedsterplant, host.
voet, foot.
voetvormig, pedate.
vogellijm, mistletoe.
volwassen, mature.
voor, furrow.
voorjaar, spring.
voorkiem, prothallus.
voorloopig, preliminary.
voosheid, sponginess.

vormleer, morphology.
vorm, shape.
vouw, fold.
vrij, free.
vroeg, early.
vroeg rijp, to ripen prematurely.
vrouwelijk, feminine.
vrucht, fruit.
vruchtbaar, fertile.
vruchtbeginsel, ovary.
vruchtbekleedsel, pericarp.
vruchtblad, carpel.
vruchtdragend, fructiferous.
vruchtentuin, orchard.
vruchtschil, epicarp.
vruchtvleesch, arcocarp.
vruchtwand, ovary wall.
vuur, fire.

W

waaiervormig, fan-shaped.
waarschijnlijkheidswet, law of chance.
wandstandig, parietal.
wargaren, dodder.
waslaag, waxy layer.
waterloot, water-shoot.
waterstof, hydrogen.
waterzuring, water duck.
weefsel, tissue.
weegbree, plantain.
weerszijden, both sides.
weide, meadow.
westelijk, occidental.
wezen, being.
wieren, algae.
wigvormig, wedge-shaped.
wijngaardtak, branch of a vine.
wijnstok, vine.
wilg, willow.
winden, to climb.
wintersch, winterly.
witbloeiend, white-flowering.
woekerplant, parasitic plant.
woestijn plant, desert plant.
wolfs klauw, clubmoss.
wollig, lanate.
wortel, root.
wortelje, rootlet.
wortelring, root-ring (at nodes of sugar cane).
wortelend, rooting.
worteldruk, root pressure.
wortelhaar, root hair.
wortelknol, root tuber.
wortelmutsje, root cap.
wortelrank, runner.
wortelschimmel, mycorrhiza.
wortelspruit, stolon.
wortelspruiten, sucker-bearing.
wortelstek, root cutting.
wortelstelsel, root system.
wortelstok, rhizome.
woud, wood, forest.
wrat, wart.
wrattig, papillose, verrucose.

Z

zaad, seed.
zaaddoos, capsule.
zaadhuid, episperm.
zaadknop, ovule.
zaadlob, cotyledon.
zaadplant, seedling.
zaadpluis, pappus.
zaadvliezen, integuments.
zaailing, seedling.
zachtharig, pubescent.
zadelgriffeling, saddle graft.
zak, utricle.
zakvormig, utriculate.
zee, sea.
zeefgedeelte, phloem.
zeefparenchym, phloem parenchyma.
zeefplaten, sieveplates.
zeefvat, sievetube.
zelfbevruchting, self-pollination.

zetmeel, starch.
zetmeelvormer, leucoplast.
ziekteleer, pathology.
ziekteleer der planten, plant pathology.
zijdelingsch, lateral.
zijknop, lateral bud.
zijn, to be.
zijnerf, lateral vein.
zijwortel, lateral root.
zittend, sessile.
zodevormig, caespitose.
zomer, summer.
zon, sun.
zonder bloembladen, apetalous.
zonnebloem, sunflower.
zonnedauw, sun-dew.
zonestreep, girdle, zone.
zuigkracht, suction.
zuignapjes, haustoria.
zuigwortels, sucking roots.
zuilvormig, columnar.
zuiver, pure.
zuivere lijnen, pure lines.
zuring, sorrel.
zuur, acid.
zuurstof, oxygen.
zwaardvormig, sword-shaped.
zwam, fungus.

ITALIAN-ENGLISH

A

abbozzo, primordium.
abitazione, habitat.
accartocciata, convolute (vernation).
accennare, to allude to, to refer.
accombente, accumbent.
accrescere, to grow, increase, augment.
accrescimento, growth, increase, augmentation.
acefalo, acephalous (ovary).
acervus, glomerule.
aculeo, thorn, prickle, sting, stimulus.
adattamento, adaptation, aptness.
addosato, close by, lean against.
aderente, adherent, attached.
adescare, to attract.
adesione, adhesion, adherence.
adroma, hadrome.
afeliotropismo, negative heliotropism.
affastellate (radici), lateral roots united into a fascicle as in oats, etc.
affollare, to crowd together.
aghiforme, needle-shaped.
aggiunta, appendage.
aguzzata, acuminate, sharp.
albero, tree.
alburno, sapwood, alburnum.
alcool, alcohol.
ali, wings (of corolla).
alimentazione, nutrition.
alleanza, class, union.
alofite, halophytes.
alternipennata, alternately pinnate.
altezza, height, elevation.
ambiente, ambient, surrounding.
amento, ament, catkin.
amficarpio, amphicarpium.
amfiderma, cuticle.
amido, starch.
ammucchiato, closely packed or crowded, heaped.
ampio, wide, ample.
amplessicaule, stem-clasping.
anafase, anaphase.
anellato, provided with a ring-like thickening.
anello, ring, annulus.
anfibio, amphibious plant.
anfigame, lower cryptogams, thallophytes.
angolo di divergenza, angle of divergence.
annerire, to become black.
anno scorso, last year.
annesso, belonging to, conjoined.
antera, anther.
antociano, anthocyanin.
antodio, anthodium.
antofite, antogame, phanerogams.
aperto, open.
apicifisse, descriptive of a suspended anther.
apice vegetativo, growing point.
apofisi, apophysis.
apogeo, tree-top.
apparecchio, system, apparatus.
apparecchio aerifero, aeration system.
apparecchio assimilatore, assimilation system.
apparecchio assorbente, absorption system.
apparecchio di riserva, storage system.
apparecchio di sostegno, supportive system.
apparecchio tegumentale, dermal system.
appassire, to wither, to fade.

appendice, appendix.
arcaico, aged.
argomento, question, argument, subject.
arrampicare, to climb.
arricciata, curled.
arrotolato, rolled up.
articolo, article, point.
ascella, axil.
asco, ascus.
asessuale, asexual.
asse, axis.
asse ipocotileo, hypocotyl.
assosperme, plants with axial placentation.
assottigliare, to make thin, to diminish.
assottigliata, subtilized, diminished, tapering.
astato, hastate.
attecchire, to grow, to take hold.
attorno, round about, on all sides.
austori, haustoria.
autoimpollinazione, self-pollination.
avorio vegetale, vegetable ivory.
avventizio, adventitious.
avvolgere, to envelop, to wind round.
azoto, nitrogen.

B

bacca, berry.
baccello, legume, pod, husk.
barba, awn, beard.
barbatella, a small cutting or branch for propagation.
barbato, barbuto, bearded.
basifissa. basifixed.
basigeno, basipetal, basigenous.
basso, low.
bastoncelli, consisting of rod-like particles.
becco, rostrum, beak.
bianco del fungo, mycelium.
bieta, beet.
bietola, beet.
bifere, twice bearing (plant).
bifido, bifid.
biforcato, bifurcate.
binato, composed of two leaflets or a leaf divided in two, binate.
biossido, dioxide.
bislungo, oblong.
boccia, bulb, bud.
bolla, air bubble, blister, pustule.
bosco, wood, forest.
botrice, raceme.
botritiche, racemose.
bottone, bud, gemma.
bozzolo, follicle, knot, cocoon.
branca, branch.
brattea, bract.
bratteola, small bract.
briofite, bryophytes.
briozoario, antherozoid.
buccia, tegmen, skin, plaster.
budello pollinico, pollen tube.
buio, dark, obscure.
bulbetto, bulbil.
bursicula, fovea, pit, depression.

C

caduco, dropping off early; perishing, fugitive, transitory.
calcarato, provided with a spur.
calcifile, chalk-loving plants.
calice, calyx.
calicetto, calyculus.
caliptra, calyptra.
callo, callus.
calore, heat.
calvo, naked, glabrous.
cambio, cambium.
camera, chamber, space, box.
camera aerifera, air chamber (of stomates).

camera cellulare, cell cavity.
camera chiara, camera lucida.
camera pollinica, pollen chamber.
camera sottostomatica, air chamber of stomate.
cancro, malignant tissue.
canneti, plants with reed-like stems.
cantarofili, plants which are pollinated by beetles.
capello, hair.
capelluto, capillaceous, hairy (root).
capillizio, capillitium.
capitato, head-like.
capolino, little head.
cappello, pileus.
capreolata (pianta), plant provided with tendrils.
carattere, character.
carena, carina, keel.
carie, "bunt", smut.
cariocinesi, mitotic division, karyokinesis.
cariosside, caryopsis.
carpelli, carpels.
carpofilli, carpelar leaves.
cartacea, scarious, membranous.
cascante, referring to stem which is solid and erect only at the base while the upper part is bending.
casella dell'antera, locule of anther.
cassula, capsule, berry.
catena, catenella, chain.
cavolo, cabbage.
cellula, cell.
cellula annesse, companion cell.
cellula areolata, cell with bordered pits.
cellula diritta, vertical cell.
cellula giacente, horizontal cell.
cellula del canale del collo, neck canal cell.
cellula peridermica, periderm cell.
cellula punteggiata, pitted cell.
cellula dello stoma, guard cell of stomate.
cellule lenticolare di riempimiento della lenticella, complementary tissue of lenticels.
cenere, ash.
cera, wax.
cera vegetale, vegetable wax.
cerchio, circle, ring.
ceroso, waxy.
chemotassi, chemotaxis.
chiara d'uovo, protein, white of an egg (egg albumen).
chilema, cell sap.
chioma, crown of trees, foliage.
chiomato, covered with hairs, hairy.
chiuso, closed, confined, shut.
cicatrice, scar, seam.
cifella, cyphelle.
cima, cyme.
cimbiforme, boat-shaped.
cimolo, sprout, shoot.
cimoso, cymous.
cipolla, onion.
cipsela, achenium.
cirro, tendril.
cistolito, cystolith.
citoplasma, cytoplasm.
clava, a cutting, slip.
clorofilla, chlorophyll.
coccio, testa.
cocco, coccola, berry, nut.
coccolo, the fruit of the cypress.
colletto, hypocotyl.
colleteri, mucilaginous hairs of buds.
collo, neck.
coltura acquosa, water culture.
composta, compound.
concettacolo, conceptaculum.
coniugazione, conjugation.
connato, connate.
connettivo, connective.
cono, cone, strobilus.
cono vegetativo, growing point.
contegno, behavior, appearance, aspect, condition.
contorno, margin, circumference, contour.
coorte, cohort.

cordone fibro-vascolare, fibrovascular bundle.
coriaceo, leathery.
corimbo, corymb.
corniculifera, throat of corolla.
corteccia, cortex.
costola, primary vein, rib.
cribroso (vaso c.), sieve tube.
cristalligene, crystal-bearing.
cristalloide proteici, protein crystals.
crittogame, cryptogams.
crivellato (vaso c.), sieve tube.
crocchi, short, woody tendrils.
crocifera, crociforme, cruciferous.
cromatofori, chromatophores.
cromoplasti, chromoplasts.
cromula, chlorophyll.
cronispora, resting spore which germinates at once.
cuffia, cap, calyptra.
cuoioso, leathery.
cuoriforme, cordate.
cuscineto, pulvinus, cushion.
cuticola, cuticle.
cytioderma, cell membrane.

D

deciduo, deciduous.
decorrente, decurrent.
decrescente-pennata, decreasingly pinnate.
decursivo-pennata, decursively pinnate.
definitivi (tessuti), permanent tissue.
deiscenza, dehiscence.
dentato, dentate.
derma, epidermis.
destrorse, dextrorse.
diachima, mesophyll.
diaframma, diaphragm.
diaframma crivellato, sieve plate.
dicasio, dichasium.
difesa, protecting device, defense, resistance.
difita, heteroecious.
diffusione, distribution.
digitinervia, palmately veined.
dioico, dioecious.
diramazione, branching.
direttrice sphere, centrosphere.
diritto, straight, upright.
disco, disk.
disciforme, disk-shaped.
disgiunzione, separation.
doppiamento seghettato, irregularly serrate.
dorsifisso, dorsifixed.
disuguale, unequal.
dotato, endowed.
drupa, drupe.
drupeola, druplet.

E

efflorescenza cerosa, waxy bloom.
elettività, affinity.
elettivo, elective.
elica, screw-shaped.
elicoide, helicoid.
eliofile, heliophilous plants.
ematossilina, haematoxylin.
embrioforo, suspensor.
embrione, embryo.
embrione-fisso, gemma.
embrione-mobile, fertilized egg.
embriotrofo, albumen.
emianatropo, hemianatropous, (ovule).
emitropo, hemitropous (ovule).
endofleo, bast.
endoriza, radicle with coleorhiza.
endotheca, endothecium.
ensiforme, sword-shaped.
epatiche, Hepaticae.
epiclorenchima, palisade tissue.
epiderme vera, true epidermis.
epigino, epigynous.
epifleo, outer cortex.

erbaceo, herbaceous.
ermafrodismo, hermaphroditism.
esarca, exarch.
esauriente, exhaustive.
esaurire, to exhaust, use up, drain.
escrescenza annulare, annual increment or growth.
esembrionate, cryptogams.
esina, exine, external membrane (pollen).
esoriza, radicle without coleorhiza.
esosporio, exosporium.
esostoma, exostome.
esostosi, hard knots on woody stem.
estrinseco, external.
estrorsa, extrorse.
etere, ether.
eteroecia, heteroecious.

F

fagiolo, kidney bean.
falcato, sickle-shaped.
fanerogama, phanerogam.
farfallina, papilionaceous (corolla).
farina, pollen grain, flour.
fascetto, fascicle.
fasci vascolari chiusi, closed bundles.
fauce, throat.
fava, bean.
felloderma, phelloderm.
fellogeno, phellogen.
felce, fern, brake.
fesso, clefted, cracked.
fettina, thin section.
fianco, side, flank.
fibra, fiber.
fibra legnosa, wood fiber.
fibra liberiana, phloem fiber.
fibra librosa, phloem fiber.
filamento, filament.
filetto, filament, stolon, thread.
fili conidiofori, conidiophores.
fillociclo, central cylinder of leaf.
fillocloro, chlorophyll.
fillotassi, phyllotaxis.
filogenia, phylogeny.
fiore, flower.
fiore centrale, disk flower (Compositae).
fiore periferico, ray flower.
fioritura, blossoming, flowering.
fisica, physical.
fisiologia, physiology.
fissaggio, fixation.
fitocisti, cells.
fitocromo, chlorophyll.
fitofisiologia, plant physiology.
fitologia, botany.
fitozoo, anterozoid.
fittone, taproot.
fleoterma, phloeoterma.
floema, phloem.
flosculosa, with tubular florets (inflores.).
folto bosco, dense wood.
foggia, form, shape, fashion.
foglia, leaf.
fogliforme, leaf-like.
fogliolina, leaflet.
follicolo, follicle.
forellino, small pit.
foro, hole.
formole fiorali, floral formulae.
fosforo, phosphor.
fototassi, phototaxis.
fovilla pollinica, contents of the pollengrain.
frastagliato, lacinate, cut.
frenare, to limit.
frumento, corn, wheat.
frustulo, a diatom cell.
frutta, fruit.
frutescente, frutice, woody plants destitute of a trunk.
fruticoso, shrubby.
fucsina, fuchsin.
fulcrato, adventitious root.
fulcri, tendrils (of Ampelopsis).
funghi a scissione, schizomycetes.
fungina, fungus cellulose.

fusticino, shoot of seedling.
fusto, stem.
fusto sotterrano, underground stem.
fusto volubile, twining stem.

G

galeiforme, helmet-shaped.
galla, gall.
gambettato, pedunculate.
gambo, caudex, stalk, stem.
gamofillo, gamophyllous.
gattino, ament, catkin.
gelido, frozen, congealed.
geminato, in pairs (leaves).
gemma, bud.
gemme fiorali, flower buds.
gemme fogliari, leaf buds.
gemme miste, mixed buds.
gemme perulate, buds protected by bud scales.
gemme seminali, ovules.
gemmula, plumule.
gemmulario, ovary.
germogliamento, germination, budding.
germoglio, shoot.
ghianda, glans, acorn.
ghiandoloso, glandular.
gibboso, warty, gibbous.
gineceo, gynecium.
giogo, pair of leaflets of a pinnate leaf.
giornata, **giorno**, day.
giovane, young.
girasole, sunflower.
girello, corm, bulb.
giroma, gyroma.
girosi, circulation (of protoplasm).
giunchiforme, rush-shaped.
giunco, rush.
gluma, glume.
gobba, protuberance.
gonfiare, to swell, puff up.
gonioteche, microsporangia.
goccia oleosa, drop of fat, oil drop or globule.
gola, throat of corolla.
granello pollinico, pollen grain.
grano, wheat, grain.
granoturco, maize.
grappolo, raceme, cluster.
grappolo composto, panicle.
graspo, peduncle.
grasse (piante), fat-plants, thick, stout.
guaina, sheath.
guaina amilacea, starch sheath.
guaina dei fasci, vascular sheath.
guainella, vaginule.
guisa, manner, way.
guscio, episperm, pod.

I

ibrido, hybrid.
idatodi, hydathodes.
idrati di carbonio, carbohydrates.
idrofite, hydrophytes.
idrostomi, water stomates.
idrovacuoli, vacuoles.
ife, hyphae.
ifenchima, parenchyma formed by hyphae.
igrofite, hygrophytes.
ilo, hylum.
imberbe, glabrous, smooth.
imbutiforme, funnel-shaped.
imenio, hymenium.
immagazzinare, to store, to reserve.
imparipennata, pinnate with an odd terminal leaflet.
imperniata, turning freely upon its support.
impollinazione, pollination.
incrociato, cruciate (flower), decussate (leaf).

indagare, to find out, inquire into.
indeiscente, indehiscence.
indurimento, hardening.
inerme, without prickles.
infarcimento, accumulation, obstruction.
infiorescenza, inflorescence.
infero, inferior.
inflesso, bent.
influsso, stimulus.
infruttescenza, the inflorescence in the fruting stage.
inguainata, provided with a sheath.
inibitoria, inhibitor.
innesto, grafting.
innocui (peli), harmless glandular hairs.
insetto, insect.
insito, inherent.
inspessito thickening, condensation.
integrativa (fase), anabolism.
integro, intero, entire (margin of leaf).
intrapreso, undertaking, enterprise.
intreccio, intertwining, anastomosing.
intrinseco, internal.
invoglio, integument, envelope.
invogli florali, floral parts, floral envelopes.
involucretto, small involucre.
iperplasia, hyperplasia.
ipertrofia, hypertrophy.
ipoachenio, achenium which is formed from an inferior ovary.
ipoantodio, amphanthium.
ipochilo, the basal part of the labellum of orchids.
ipoclorenchyma, spongy parenchyma.
ipocotile, hypocotyl.
ipoderma, hypodermis.
ipofisi, hypophysis.
ipogeo, hypogaeus.
ipogino, hypogynous.
ipotecio, hypothecium.
ipsofillare, bearing bracts.
ipsofilli, bracts.
irsuto, hirsute.
isospora, zygote.
ispesside, thick.
ispessimento di parete, thickening of wall.
ispido, hispid.

L

labbro, lip.
lacrima, drop of resin or gum exuded from a tree.
laminate, leafy.
latice, latex.
lato, wide, side.
lecus, corm, bulb.
legno, wood.
legnoso, woody.
lembo, limb, border, margin, piece.
lepalo, staminodium.
lesiniforme, awl-shaped.
liberiane, libriform (fiber).
libro duro, hard bast.
libro molle, soft bast.
libro-legnoso, fibro-vascular.
lievito, yeast.
lignina, lignin.
lineatofogliato, leaf with parallel venation.
lineatofoliato, leaf with parallel venation
linfa grezza, crude sap.
linguetta, ligule.
liscio, smooth.
lisigeni, lysigenous intercellular spaces.
lobo, lobe.
logge, locules.
loglio, pit.
lomentaceo, loment.
luce, light.
luogo, place, location.

M

malattia, disease, malady.
mandorla, kernel of a stone fruit, pit.
marcescente, withering without falling off (calyx, corolla).
mare, sea.
mascherata, personate corolla.
maschile, male.
malsello, heartwood.
meati, small intercellular spaces.
meristema primitivo, primary meristem.
metile, methyl.
mezzo, environment, medium.
micelio, mycelium.
micocecidi, fungous galls.
micocellulosa, fungous cellulose.
micoriza, mycorrhiza.
micropilo, micropyle.
midollo, pith, core.
mimetico, mimetismo, mimicry.
miscela, miscuglio, mixture.
mistura, mixture, compound.
misto, mixed.
misturare, to mix with, adulterate.
monadelfo, monadelphous.
monoico, monoecious.
montagna, mountain.
mosaico di foglio, mosaic of leaves.
muffa, mold, mustiness.
musco, moss.
mutico, blunt.

N

nana, dwarf.
netta, clear, clean.
nettario, nectary.
nocella, nucellus, hazel-nut.
nócciolo, lignified endocarp of drupaceous fruit, nucellus.
noce, nut, walnut, walnut-tree.
noce di galla, gall nut.
nodo, node, knot, joint.
notomia vegetale, plant histology, plant anatomy.
notte, night.
notturno, nocturnal.
nucleo, nucleus.
nudo, naked, nude.

O

obconico, obconical.
obcordato, obcordate.
ocello, ocellus.
oggetto, object.
ombelico, hylum, navel.
ombrella, umbel.
omologo, homologous.
omogeneità, homogeneity.
ontano, alder tree *Alnus*
oosfera, oosphere.
ooteca, sporangium of ferns.
opposto, opposite.
ordine, order.
orecchietta, auricle, little ear.
orecchiuto, long eared.
orizzontale, horizontal.
ortica, nettle.
ortotrope, orthotropous.
orzo, barley.
osmosi, osmosis.
ossalato di calcio, calcium oxalate.
osseo, bony, osseous.
ossidazione, oxidation.
ossigeno, oxygen.
otricolo, utricle.
ottusifido divided in obtuse segments.
ovario, ovary.
ovulo, ovule.

P

pagina, surface (of leaf)
paglia, stem (of grasses)
paglietta, small bract, palea.
paio, pair, couple.
palato, palate.
palco, floor, stage.
palea, scale.
palizzata, palisade tissue.
palmatifida, palmately lobed or divided.
palmatisetta, digitate (leaves).
pannocchia, panicle, ear, head of maize.
pappo, pappus.
parafisi, paraphysis.
paragonare, to compare with.
parenchima cribroso, phloem parenchyma.
parenchima legnoso, wood parenchyma.
parenchima libroso, phloem parenchyma.
pascolo, meadow, pasturage.
pedicello, pedicel.
peduncolo, peduncle.
pelo, hair.
pelo radicale assorbente, root hair.
peli scagliosi, scaly hairs.
pelosità, hairiness.
pennatosetta, pinnately veined.
peponide, peponio, pepo.
perfogliata, perfoliate.
periciclo, pericycle.
periderma, periderm.
perifragma, pericycle.
perigino, perigynous.
peritecio, perithecium.
perula, thin, chaffy scale of epidermis.
peso, weight.
petalo, petal.
pezza, piece, bit.
piano, plain, flat, level, smooth, clear.
pianticella, seedling, small plant.
pianta, plant.
piatto, plate.
picciolo, picciuolo, pedicel, petiole.
picnide, pycnidia.
piede, foot, stem, bottom, base.
pieghettato, plicated, wrinkled, plaited.
pina, strobilus.
pioggia, rain.
pisello siliqua, pea, pulse.
pisside, a capsule with circumscissile dehiscence, small vase.
pistillo, pistil.
piumetta, plumule.
placca nucleare, equatorial plate.
placca cribrosa, sieve plate.
placentario, placenta.
podogino, gynophore.
politomia simpodiale, false dichotomy.
polline, pollen.
pollone, stolon, shoot, sucker.
polverulento, in the form of dust.
pomodoro, tomato.
pressione radicale, root pressure.
primavera, spring.
primordio del seme, ovule.
processili, appendages, processes.
prodotti laterali, by-products.
prodotti medisimi, similar products.
productiones medullares, medullary rays.
pruina, waxy bloom.
pteridofite, pteridophytes.
pulvinulus, stroma.
pungiglione, prickle.
punteggiato, perforated, pitted.
punteggiatura areolata, bordered pit.
punto di vegetazione, growing point.

Q

quinquefido, 5-cleft (calyx).

R

racchiudere, to contain, to shut up, to enclose.
racemifero, racemifloro, racemose.
racemo, raceme.
raddoppiata, conduplicate (vernation).
radice, root, radish.
radice carnosa, fleshy root.
radice fascicolata, fibrous root.
radice fittonata, tap-root.
radice serpeggiante, superficially growing root.
radice vivace, peremnial root.
radicetta, radichetta, rootlet.
rado, scarce, rare.
rafe, raphae.
raggi midollari, medullary rays.
raggiungere, to attain to.
raggrinzamento, shrinkage.
rametto, twig.
ramifero, ramose.
ramificazione, branching.
ramo, branch.
rammollimento, softening.
ramo fiorifero, flower shoot.
ramoscello, twig.
rampollo, sucker, shoot.
ramponi, adventitious roots.
ramuscolo, branch.
raschiature, thin chaffy scales of epidermis (ferns).
rassomigliante, resembling, similar to.
ravvolto, revolute, wrapped up, involved.
razza, race.
reattivi, reagents.
recettivitá, susceptibility, receptivity.
reclinato, inflexed (vernation).
regime, compound spadix.
retiforme, reticulate.
rettinervie, netted veined.
ricambio materiale, material exchange.
ricerca, investigation.
ricettacolo, receptacle.
riepilogo, summary, recapitulation.
rifrangente, refractile.
rigonfiamento, swelling, air-bladder.
rilievo, height, relief.
rimessiticcio, scion.
ringiovanimento delle cellule, cell rejuvenation.
rinnovamento, rejuvenation.
ripidio, rhipidium.
riproduzione, reproduction.
riscaldare, to heat.
risorgere, to reappear.
risvegliare, to mobilize (reserve material).
rivestimento, covering of various kinds.
rizella, rootlet.
rizine, rhizoids, roothairs of mosses.
rizociclo, central cylinder of roots.
rizoma, rhizome.
rizomorfa, rhizomorph.
rizotassi, rhizotaxis.
rogna, scab.
roncinato, runcinate.
rosso, red.
rosolaccio, wild poppy.
rottura, break, fracture.
ruggine nera, black rust.
ruggine rossa, red rust.
rugiada, dew, freshness.
rugiadoso, dewy.
ruotata, wheel-shaped (corolla) rotate.
ruvido, rough (surface of leaf).

S

sabbioso, sandy.
sacchetto pollinico, pollen sac.
sacco embrionale, embryo sac.
saettato, saettiforme, sagittate.
saldato, attached.
saprofili, saprophyles.

saprofite, saprophytes.
sbocciamento dei fiori, opening of flowers.
sbrandellata, lacinated.
scaglia, scale.
scambi gasosi, gaseous exchange.
scambio, metabolism.
scambio di energie, energy exchange.
scanalato, fluted, grooved.
scapo, flower stalk.
scelta naturale, natural selection.
scheletrici tessuti, mechanical tissues.
schema fiorale, floral diagram.
schiacciato, flattened.
scindere, to split, break up.
sciogliere, to dissolve.
scodellato, cup-shaped.
scomparire, to disappear, to be eclipsed.
scorgere, to perceive.
scorza, bark, skin.
scorza primitiva, primary cortex.
scossa, shock, sudden shower, damage.
scudetto, scutellum.
sdoppiamento, the occasional separation or displacement of leaves.
secchezza, dryness.
secchi, dry (fruits).
sede, seat.
segale, rye.
seghettato, serrate.
segmenti nucleari, chromosomes.
seme, seed, grain.
semifrutice, undershrub.
semilegnoso, in part herbaceous, in part woody.
seminagione, sowing.
seminulo, small seed.
semplice, simple.
sempreverde, evergreen.
sepalo, sepal.
serpeggiante, prostrate and rooting.
serra, greenhouse.
sesso, sex.
sessuale, sexual.
setola, seta, bristle.
settelobata, with seven lobes.
setto, septum, dissepiment.
setticida, septicidal.
settifraga, septifragal.
sezione, section.
sfagno, sphagnum.
sfaldarsi, to exfoliate, to peel off.
sfalerocarpa, sphalerocarpum.
sfera direttrice, attraction sphere.
sferobatteri, cocci.
sfioritura, cessation of flowering.
sfregio, scar, gash, cut.
siccitá, dryness.
sicono, cycon.
siepe, fence, hedge.
silice, silica.
siligua, silica
sincerare, to ascertain.
sinergide, synergid.
sinfiostemon, adelphous.
sintecio, cystocarp.
sintesi, synthesis.
sistema fascicolare, vascular system.
sistema tegumentale, dermal system.
smerlata, crenate.
soddisfare, to complete, to satisfy.
soffice, soft, downy.
soggetto, subject.
solcato, grooved or furrowed.
somatiche, somatic.
sommerso, submerged.
sorcolo, surculus.
sorosio, sorose.
sospeso, suspended.
sottile, thin, fine, delicate, subtile.
sottoepidermico, subepidermal.
sottostante, underlying.
sottosuolo, subsoil.
sovero, cork.
sovrapposizione, super-position, upper position.
spadice, spadix.
sparizione, disappearance.
sparso, scattered, dispersed, apart.

spata, spathe.
spazi intercellulari, intercellular spaces.
spermadoforo, carpophore.
spermofite, phanerogams.
spesso, thick, dense, adv. frequent, often.
spessore, thickness, density.
spianato, peltate, flattened.
spiga, spike.
spighetta, spikelet.
spigolo, ridge.
spina, spine, thorn, prickle.
spinta d. radice, root pressure.
spontaneo, natural, spontaneous.
squama, scale.
squamella, small scale.
sradicare, to eradicate.
stagione, season.
stame, stamen.
staminifero, stamen bearing, staminiferous.
staurogamia, dichogamy.
stella madre, achromatic figure.
stellato, star-shaped.
stelo, herbaceous stem, stalk.
stendardo, standard.
stichidio, stichidium (Florideae).
stilo, style.
stimma, stigma.
stimolo, stimulus, excitant.
stipite, stem.
stipola, stipule, bract.
stirpe, race, extraction, family.
stomi, stomates.
stomi acquiferi, hydathodes.
strato cambiale del sughero, phellogen.
strato pilifero, piliferous region of root.
suberina, suberin.
succhianti (radici), haustoria.
succo commune, crude sap.
sughero, cork, suber, periderm.
suolo, soil.
superfice, surface.
svariato, varied.
svernamento, prefoliation.
sviluppo, svolgimento, development.

T

talamo, thalamus, receptacle.
tallo, thallus.
tallofite, thallophytes.
talloma, thallus.
tallo-piota, mycelium.
tardivo (legno), summer wood.
teca, theca.
telofasi, telophase.
tergo, dorsal side.
tessuto, tissue.
tessuto a palizzata, palisade tissue.
tessuto conduttore, conducting tissue.
tessuto cribroso, phloem tissue.
tessuto di riempimento, complementary tissue (of lenticels).
tessuto lacunoso, tessuto spugnoso, spongy parenchyma.
tillo, tylosis.
tipo, type.
tirso, thyrse.
toccare, to touch.
tondeggiamento, roundish, rounding.
torba, peat, turf.
tossico, toxin, poison.
tracce fogliare, foliar trace.
trachea, vessel, trachea.
tracheidi, tracheids.
tramezzo, separating wall, partition.
trappola, pitcher, trap.
traspirazione, transpiration.
tuberetto, bulbil.
tubo cribroso, sieve tube.
tubo pollinico, pollentube.
turchino, azure blue.

U

uccidere, to kill or destroy.
uncino, hooked hair.
unghia, spur at base of the petal.
urna, urnetta, urn.
urto, shock, push, encounter.

V

valvicida, valvicidal.
vasi, vessels.
vasi areolati, vessels with bordered pits.
vasi annulati, annular elements.
vasi crivellati, vasi cribrosi, sieve-tubes.
vasi laticiferi, latex tubes.
vasi punteggiati, pitted vessels.
vasi reticulati, reticulate vessels.
vasi spiralati, spiral elements.
vasidotto, funiculus.
verruca, emergence.
vescichetta, vesicle.
vischio, mistletoe.
viticcio, tendril.
viticula, stolon.
vivace, perennial, lively.

X

xilema, xylem.

Z

zooamido, glycogen.
zigomorfo, zygomorphic.
zigosi, isogamy.

FRENCH-ENGLISH

A

à capitules larges, macrocephalous.
à deux tranchants, two-edged.
à épines aigues, sharp-thorned.
à épines droites, with upright thorns.
à feuilles arrondies, round-leaved.
à feuilles d'orties, nettle-leaved.
à feuilles entières, entire-leaved.
à feuilles étroites, slender-leaved.
à feuilles lanceolées, lancifoliate.
à feuilles luisantes, with shining leaves.
à feuilles plaines, flat-leaved.
à feuilles serées, with serrate leaves.
à fleurs éparses, with scattered flowers.
à fleurs sessiles, with stalkless flowers.
à fruits aîlés, with winged fruits.
à fruits âpres, with rough fruits.
à fruits nus, with naked fruits.
à peu près cordiforme, subcordate.
à plusieurs épis, many-spiked.
à plusieurs rangées, polystichous.
à raies larges, fasciate.
à tige nue, nudicaul.
à un sepale, monocephalous.
à une seule baie, monococcous.
à une seule strie, univittate.
abaissé, *p. a.*, depressed, flattened.
abas, *m.*, blight (of wheat; general term).
abietinée, *f.*, fir; conifer.
abouchement, *m.*, anastomosis.
s'aboutir, *v. t.*, to bud.
abricotier, *m.*, apricot tree.
abricot, *m.*, apricot.
abrité, *a.*, sheltered.
abrouti, *p. a.*, browsed.
absinthe, *f.*, wormwood *Artemisia* L.
acajou, *m.*, mahogany; cashew.
accoler, *v. t.*, to prop or tie up.
accru, *m.*, shoot.
accotoir, *m.*, prop.
accrochant, *a.*, hooked (fruits etc.).
acéré, *a.*, needle-shaped.
ache, *f.*, smallage; parsley; celery.
achilée, *f.*, yarrow.
âcre, *a.*, acrid.
aculéé, *a.*, with prickles.
adné, *a.*, adnate.
adragant, *m.*, tragacanth.
agrégé, *a.*, aggregate.
agreste, *a.*, wild-growing.
agripaume, *f.*, motherwort *Leonurus* L.
agrostème, *f.*, corncockle.
aigre, *a.*, acrid; musty.
aigremoine, *f.*, agrimony; liverwort.
aigret, *a.*, acetose.
aigrette, *f.*, pappus.
aigu, *a.*, acute; acuminate.
aiguillon, *m.*, prickle; trichome, stimulus.
ail (pl. ails or aulx), *m.*, garlic; leek.
aile, *f.*, wing.
aimez-moi, *f.*, forget-me-not.
airelle, *f.*, whortleberry, bilberry.
aiselle, *f.*, axil.
ajonc, *m.*, furze, gorse *Ulex* L.
albumen amylacé, starchy endosperm.
albumen corné, horny endosperm.
alcée, *f.*, hollyhock.
alêne (feuilleen), acuminate (leaf).
alenois, *m.*, garden cress *Lepidium sativum* L.

algue, *f.*, alga.
alléluia, *m.*, wood-sorrel *Oxalis* L.
alpestre, *a.*, alpine; sub-alpine.
alpiste, *m.*, canary-grass *Phalaris* L.
alysson, *m.*, (**alysse,** *f.*), madwort *Asperugo* (Tourn.) L.
amadouvier, *m.*, agaric.
amande, *f.*, kernal; nucleus; almond.
amidon, *m.*, starch.
aminci, *p. a.*, attenuate.
amourette, *f.*, quaking grass *Briza* L.
ampoule, *f.*, ampulla.
amyloleucite, *f.*, amyloplast.
ananas, *m.*, pineapple.
ancolie, *f.*, columbine.
androcée, *f.*, androecium.
aneth, *m.*, dill.
angleux, *a.*, imbedded in angular cavities, as the seed of Juglans.
angousse, *f.*, dodder.
anneau annuel, annual ring.
annelé, *a.*, ringed.
ansérine, *f.*, goosefoot.
anthode, *m.*, head of flowers.
aplati, *p. a.*, flattened.
appareil, *m.*, apparatus.
appareil de soutien, supportive tissue.
âpre, *a.*, hirsute.
aranéeux, *a.*, like a cobweb.
arbois, *m.*, laburnum *Cytisus Laburnum* L.
arbrisseau, *m.*, shrub.
arbuste, *m.*, shrub; bush.
archidie, *f.*, sporangium.
arec, *m.*, nut.
arête, *f.*, awn; beard; prickle.
argile, *f.*, clay.
argilleux, *a.*, clayey.
arhize, *a.*, arhizal; rootless.
arille, *f.*, aril; mace.
aristé, *a.*, aristate.
armoise, *f.*, wormwood *Artemisia* L.
arroche, *f.*, goosefoot.
article mâle, male cell.
asperge, *f.*, asparagus.
asque, *m.*, ascus.
assise, *f.*, stratum.
assise de cellules, tissue; layer of cells.
assise génératrice, cambium.
assise génératrice de la lenticelle, cambium of lenticels.
assise mécanique, mechanical cells; supportive cells.
assise pilifère, piliferous region of root.
assise plissée, endodermis.
assolement, *m.*, rotation of crops.
aubépine, *f.*, hawthorn.
aube-vigne, *f.*, virgin's bower *Clematis* L.
aubier, *m.*, sapwood, alburnum.
aubifoin, *m.*, bluebottle cornflower, bachelor's button *Centaurea Cyanus* L.
aubour, *m.*, laburnum *Cytisus Laburnum* L.
aune, *m.*, alder.
aunée (**aulnee**), *f.*, elecampane *Inula* L.
aurone, *f.*, southernwood *Artemisia Arbrotanum* L.
aveline, *f.*, filbert.
avelinier, *m.*, filbert tree.
avoine, *f.*, oats.
avoinerie, *f.*, oat-field.
avron, *m.*, wild oats *Danthonia* DC.
azalée, *f.*, azalea.
azotate *m.*, nitrate.
azote, *m.*, nitrogen.

B

bacciforme, *a.*, berry-like.
baie, *f.*, berry.
baguer, *v. t.*, to ring (trees etc.).
balais de sorcière, witch's broom.
baliveau, *m.*, sapling.
balloné *a.*, distended, swollen.

ballonement, *m.*, swelling.
ballote, *f.*, horehound.
balsamine sauvage, *Impatiens.*
banane, *f.*, banana.
bananier, *m.*, banana tree.
bandure, *f.*, pitcher-plant *Sarracenia* (Tourn.) L.
barbé, *a.*, bearded; barbed.
barbelé, *a.*, barbed; bearded.
bardane, *f.*, burdock.
basilic, *m.*, basil *Satureja* (Tourn.) L.
baume, *m.*, balsam; balm.
baume vert, spearmint.
bec cutinisé, cutinized ridge of guard cells of stomate.
belle-de-jour, *f.*, Convolvulus yellow day lily *Hemerocallis* L.
bétoine, *f.*, betony *Pedicularis* (Tourn.) L.
bette, *f.*, beet.
betterave, *f.*, beet, mangel wurzel.
bifide, *a.*, bifidous.
biocyte vivante, parenchyma found between the elements of the protoxylem.
bisannuel, *a.*, biennial.
blé, *m.*, wheat; corn; grain.
blé de Turquie, Indian corn.
bluet, *m.*, cornflower, bluebottle, bachelor's button *Centaurea Cyanus* L.
bocal *m.*, (large) vial.
bogue, *f.*, chestnut bur.
bois, *m.*, wood; forest; timber.
bois alterne, protoxylem.
bois d'automne, summer wood.
bois de printemps, spring wood.
bois imparfait, sapwood.
bois précoce, spring wood.
bois primaire de seconde formation, metaxylem.
bois tardif, summer wood.
boisement, *m.*, afforestation.
boîte (de Petri), *f.*, petri dish.
bolet, *m.*, Boletus.
bon-henri, *m.*, all-good, goosefoot.
bosselé, *a.*, bunched; embossed.
bouchon, *m.*, cork.
bouder, *v. i.*, to be stunted.
bouillaison, *f.*, fermentation.
bouillon-blanc, *m.*, mullein.
bouleau, *m.*, birch.
bourgeon, *m.*, bud.
bourgeonné, *p. a.*, budded.
bourgeonnement cellulaire, budding; formation of conidia.
bourgépine, *f.*, buckthorn *Rhamnus* (Tourn.) L.
bourrelet, *m.*, pad; cushion; corky layer between scion and stock.
bourrache, *f.*, borage.
boursouflure, *f.*, turgidity; swelling.
bouton, *m.*, bud.
bouture, *f.*, slip; cutting.
bouturage, *m.*, propagation by cuttings.
boyau, *m.*, branch.
bractée, *f.*, bract.
bractéifère, *a.*, bracteate.
branche, *f.*, branch.
brin, *m.*, blade; sprig; shoot.
brise-vent, *m.*, windbreak; screen.
brosse, *f.*, bristle.
brunelle, *f.*, self-heal *Prunella* L.
buis, *m.*, box boxwood.
buisson, *m.*, bush; thicket.
buissoneux, *a.*, bushy; woody.
bulbeux, *a.*, bulbous.
burgeon, *m.*, bud; shoot.
burgeon adventif, adventitious bud.
buter, *v. t.*, to earth (hill) up.

C

cabaret, *m.*, wild ginger.
cactier, *m.*, cactus.
cadre suberisé, radial dot (endodermis).
caduc, *a.*, deciduous.
caïeu, *m.*, sucker, off-set.
caillotis, *m.*, kelp.
cal, *m.*, callus.

calice, *m.*, calyx.
calice dialysépale, polysepalous calyx.
calice gamosépale, gamosepalous calyx.
calicule, *m.*, calycle.
calotte, *f.*, neck.
camerine, *f.*, crow-berry.
canal aérifère, air passage.
canaliculé, *a.*, pitted; channeled.
canamelle, *f.*, sugar cane.
canneberge, *f.*, cranberry.
cannelas, *m.*, cinnamon.
cannelure, *f.*, grooving; fluting.
capillite, *m.*, capillitium.
capitule, *m.*, capitulum; head.
câpre, *f.*, caper.
capselle, *f.*, shepherd's purse.
capuchon, *m.*, growth of tissue above the funiculus of many Euphorbiaceae.
capucine, *f.*, nasturtium *Tropaeolum* L.
carde, *f.*, chard.
carde poirée, chard of beets.
cardère, *f.*, teasel.
carène, *f.*, keel.
carie, *f.*, smut (general term).
carie sèche, dry rot.
caroncule, *f.*, caruncle.
carotte, *f.*, carrot.
carvi, *m.*, caraway.
cataire, *f.*, catnip.
caudicule, *f.*, hypocotyl.
cédrat, *m.*, lemon.
cédratier, *m.*, lemon tree.
cèdre, *m.*, cedar.
céleri, *m.*, celery.
cellule, *f.*, cell.
cellule annexe du stomate, subsidiary cell of stomate.
cellule compagne, companion cell.
cellule de base, stalk cell of hair.
cellule de bordure, guard cell.
cellule de canal du col, neck canal cell.
cellule de l'assise mécanique, mechanical cell.
cellule disloque, cell of complementary tissue of lenticel.
cellule du bois, wood parenchyma cell.
cellule laticifère, latex vessel.
cellule libérienne, phloem parenchyma cell.
cellule ligneuse, tracheid.
cellule mère, mother cell.
cellule mère terminale, apical cell.
cellule pierreuse, stone cell.
cendre, *f.*, ash; cinder.
cenelle, *f.*, haw *Viburnum* (Tourn.) L.
cerise, *f.*, cherry.
cerisier, *m.*, cherry tree.
cerne, *m.*, ring.
chambre aérienne, air chamber of stomate.
chambre sous stomatique, inner air chamber of stomate.
champignon, *m.*, fungus; mushroom; toadstool.
chancre, *m.*, canker.
chapeau, cap; pileus.
charbon, *m.*, black rust (general term).
charbucle, *f.*, blight (general term).
chardon, *m.*, thistle.
chardon à foulon, teasel.
charme, *m.*, hornbeam; yoke-elm.
charmille, *f.*, hornbeam; arbor; yoke-elm.
charnière inferieure, inner hinge of stomate.
charnière supérieure, outer hinge of stomate.
charnu, *a.*, fleshy (fruits etc.).
châtaigne, *f.*, chestnut.
châtaigne amère, horse chestnut.
chaton, *m.*, catkin; husk (of nuts).
chatrer, *v. t.*, to prune; to top.
chaudron, *m.*, canker.
chaulé, *a.*, limed.
chaume, *m.*, culm; stubble.
chaux, *f.*, lime; limestone.
chaux vive, quicklime.
chaux éteinte, slaked lime.
chélidoine, *f.*, celandine.
chêne, *m.*, oak.

chevauchant, *a.*, equitant.
chèvrefeuille, *f.*, honeysuckle.
chloroleucite, *f.*, chloroplast.
chou, *m.*, cabbage.
chou de Bruxelles, Brussel sprouts.
chou fleur, cauliflower.
chou navet, *m.*, turnip.
chou rave, *m.*, kohlrabi.
chou vert, kale.
christe, *f.*, samphire *Salicornia* (Tourn.) L.
ciboule, *f.*, scallion; green onion.
ciboulette, *f.*, chive.
cicerole, *f.*, chick-pea.
cicutaire, *f.*, water-hemlock.
cigogne (Bec de), *m.*, cranesbill.
cigue, *f.*, hemlock.
cigue d'eau, waterhemlock *Cicuta* L.
cigue vireuse, waterhemlock *Cicuta* L.
cil, *m.*, hair; cilium; flagellum.
cil vibratile, flagellum.
cime, *f.*, cyme; summit.
cimeen, cymose.
circumnation, *f.*, nutation.
cire, *f.*, wax.
cirre, *m.*, tendril, cirrhus.
cirse, *m.*, horse-thistle *Circium* DC.
cive, *f.*, chive.
civette, *f.*, chive.
clandestine, *f.*, broom-rape *Orobanche* (Tourn.) L.
clavé, *a.*, clavate.
cloche, *f.*, bell-jar.
cloison, *m.*, septum; cross wall.
cloisonné, *p. a.*, valved.
cloque, *f.*, brown rust (general term).
cnique, *m.*, horse-thistle *Cirsium* DC; *Cnicus* L.
cocotier, *m.*, coconut tree.
cocrète, *f.*, yellow rattle *Rhinathus* L.
cocrète des près, lousewort.
coeur du bois, heartwood.
coiffe, *f.*, gall; cap (growing point of stem of ferns).
coiffe de racine, root cap.
coing, *m.*, quince.
cognassier, *m.*, quince tree.
collenchyme periphérique libérienne, collenchyma-like cells of cortex adjacent to protophloem.
collet, *m.*, neck.
collocyte, *f.*, collenchyma cell.
comble d'intensité, maximum intensity.
comifère, *a.*, comose.
complant, *m.*, plantation; vineyard.
composée, *f.*, composite.
cône, *m.*, cone; strobilus.
conjoint, *p. a.*, conjugate.
conjunctive fondamentale, cortical tissue of petiole.
conné, *a.*, connate.
consoude, *f.*, comfrey.
coquelicot, *m.*, field poppy, corn poppy.
coquille (de noix), *f.*, shell (of nuts).
cordé, *a.*, cordate.
cordiforme, cordate.
cordon libéro-ligneux, fibrovascular bundle.
corme, *f.*, service-berry.
corolle, *f.*, corolla.
corps dissout, solute.
corps nourricier, host.
corroyère, *f.*, sumach.
cosse, *f.*, shell; husk; pod.
costule, *f.*, veinlet.
couche, *f.*, layer; ring (annual).
couche membraneuse, plasma membrane.
couche séparatrice, absciss layer.
couche subéreuse, cuticle.
courge, *f.*, gourd; pumpkin.
coussinet, *m.*, cranberry; whortleberry.
crampon, *m.*, fulcrum; prop; climbing spur; rhizoid.
cran, *m.*, scurvy-grass; horseradish.
crené, *a.*, crenate.
crêté, *a.*, crested.
creux, *a.*, hollow (of trees).

cresson, *m.*, cress.
cristaux réunis, compound crystal.
crochet, *m.*, hook.
croissance, *f.*, growth.
cron, *m.*, sandy soil.
cuivre, *m.*, copper.

D

dactyle, *m.*, orchard grass.
dard, *m.*, pistil; stimulus.
datte, *f.*, date *Phoenix dactylifera* L.
dauphinelle, *f.*, larkspur.
déboisement, *m.*, clearing (of forests).
déchiqueté, *p. a.*, laciniate.
découpé, *p. a.*, cut.
défeuillaison, *f.*, defoliation; leaf-fall.
défleuraison, *f.*, blossom fall.
défleurir, *v. i.*, to shed the blossoms.
dégagement, *m.*, release; discharge (of spores etc.).
déhiscence poricide, porous dehiscence.
demifleuron, *m.*, individual flower in Compositae.
dent-de-lion, *m.*, dandelion.
denté, *a.*, dentate.
denté en scie, serrate.
denteléé, *a.*, denticulate.
denticulé, *a.*, denticulate; indented.
deuteroxylème, *m.*, secondary xylem.
dialypétale, *a.*, polypetalous.
diaphane, *a.*, transparent.
dioique, *a.*, dioecious.
dionée, *f.*, catch-fly *Silene* L.
disque, *m.*, disc.
dissolvant, *m.*, solvent.
distique, *a.*, distichous.
divariqué, *p. a.*, spreading.
doigtier, *m.*, common foxglove.
dorge, *m.*, burl.
dorine, *f.*, golden saxifrage *Chrysosplenium* (Tourn.) L.
drageon, *m.*, shoot, sucker.
dressé, *a.*, erect.

E

eau, *f.*, water.
eau de marée, tide water.
eau de mer, sea water.
eau douce, fresh water.
eau salée, sea water.
ébauché, *p. a.*, formed (of buds etc.).
écaille, *f.*, scale.
écaille de bourgeon, bud scale.
écaille de bulbe, bulb scale.
écale, *f.*, shell; husk.
écart, *m.*, variation (of temperature etc.).
échalas, *m.*, vine-prop; hop-pole.
échantillon, *m.*, specimen.
écharbot, *m.*, water chestnut *Trapa* L.
échelonné, *p. a.*, ladder-form.
écide, *m.*, aecidium.
écidiole, *f.*, spermatium.
écimer, *v. t.*, to top; to pollard.
éclaire, *f.*, celandine.
éclore, *v. i.*, to open, unfold.
éclosion, *f.*, unfolding; opening.
écobuage, *m.*, weeding; weed-burning.
écorce, *f.*, cortex; bark; peel; shell.
écot, *m.*, stump.
écotage, *m.*, stemming (of tobacco).
écusson, *m.*, bud for grafting; shield (embryo of grasses).
écussoner, *v. t.*, to bud.
effaner, *v. t.*, to strip off the leaves.
effeuillaison, *f.*, leaf fall.
effeuillement, *m.*, defoliation.

effritement, *m.*, exhaustion (of land).
églantier, *m.*, woodbine; eglantine; dogbrier.
élagage, *m.*, lopping; branches lopped off.
élaguer, *v. t.*, to lop; to prune.
élément crystallogène, crystal-bearing element.
emblaison, *m.*, seed time.
emblavage, *m.*, wheat sowing.
émondage, *m.*, pruning.
emplastration, *f.*, budding.
en forme d'aile, wing-shaped.
en forme de capitule, head-shaped.
en forme de casque, helm-shaped.
en forme de clou, nail-shaped.
en forme de courroie, strap-shaped.
en forme d'écusson, shield-shaped.
en forme d'éventail, fan-shaped.
en forme de faucille, sickle-shaped.
en forme de flèche, arrow-shaped.
en forme de glaive, sword-shaped.
en forme de grappe, raceme-like.
en forme de gueule, mouth-shaped (flower of snapdragon).
en forme d'houe, mattock-shaped.
en forme de langue, tongue-shaped.
en forme de pois, pea-shaped.
en forme de roue, wheel-shaped.
en forme de verge, rod-shaped; twiggy.
endoplèvre, *f.*, tegmen.
endoxyle, *f.*, pith crown.
enflure, *f.*, swelling; turgidity.
enfoui, *p. a.*, buried; sunken.
engainer, *v. t.*, to sheath.
engrais, *m.*, manure; soil; rich pasture.
entaillé, *p. a.*, notched.
entassement, *m.*, crowding (of plants).
ente, *f.*, graft.
entre-noeud, *m.*, internode.
épaisseur, *f.*, thickness.
épanouissement, *m.*, expansion; opening (of flowers etc.).
éperon, *m.*, spur; wrinkle.
éperonné, *a.*, calcarate.
éperonnière, *f.*, larkspur.
épars, *a.*, scattered.
épervière, *f.*, hawkweed.
épi, *m.*, spike; ear; awn.
epicéa, *f.*, spruce.
épillet, *m.*, spikelet.
épinaie, *f.*, brake; thicket, thorn-bush.
épinard, *m.*, spinach.
épine, *f.*, thorn; prickle.
épinette, *f.*, fir.
épinette rouge, tamarack.
épine-vinette, *f.*, barberry.
érable, *m.*, maple.
ers, *m.*, tare; vetch; lentil.
escarole, *f.*, endive.
espèce, *f.*, species.
estran, *m.*, tidal flat.
étalé, *p. a.*, spreading; spread out.
étamine, *f.*, stamen.
étamine petalisée, petaloid stamen.
étêté, *p. a.*, pollarded.
étêtement, *m.*, pollarding.
être, *m.*, tree-trunk.
exfolié, *a.*, sloughed off.
expérience, *f.*, experiment.

F

faisceau, *m.*, bundle.
faisceau du liber, phloem strand.
faisceau libéro-ligneux, fibrovascular bundle.
fane, *f.*, fallen leaves; floral envelopes.
fané, *p. a.*, faded; withered.
faîne, *f.*, beechnut.
faucille, *f.*, sickle.
fayard, *m.*, beech.
fécule, *f.*, starch (term commonly applied to the commercial product).
fenouil, *m.*, fennel.

fente, *f.*, anther slit.
feuillage, *m.*, foliage; frond.
feuillaison, *m.*, foliation.
feuille, *l.*, leaf.
feuille composée pennée, compound pinnatifid leaf.
feuille charnue, water-storing leaf.
feuillé, *a.*, foliate.
feuilles primordiales, the leaves which develop after the cotyledons.
feuillet, *m.*, gill (of fungi).
fève, *f.*, bean; berry.
févier, *m.*, honey-locust.
fibre de remplacement, substitute fiber.
fibre de libérienne, phloem fiber.
figuier, *m.*, fig tree.
filet, *m.*, stamen filament.
filets en houppe, wart of hairs.
filosité, *m.*, spindle sprout.
flambe, *f.*, iris.
fléchière, *f.*, arrow-head.
flétrir, *v. t.*, to wither; to blight; to blast.
fleur, *f.*, flower.
fleur en languette, ray flower.
fleur en tube, disk flower.
fleurage, *m.*, pollard.
fleuraison (floraison), *f.*, efflorescence; flowering time.
fleuriste, *m. f.*, florist.
fleuron, *m.*, floret.
fleuronné, *a.*, having florets.
flexueux, *a.*, flexuous.
flore, *f.*, flora.
florifère, *a.*, floriferous.
florule, *f.*, little flora; local flora.
flûteau, *m.*, water plantain.
foin, *m.*, hay; grass.
foliacé, *a.*, like a leaf.
follicule, *m.*, follicle; locule.
fondu, *p. a.*, split.
fouet, *m.*, flagellum.
fouetté, *p. a.*, streaked.
fougére, *f.*, fern; brake.
fourrage, *m.*, fodder.
foyer d'infection, center of infection.
fraise, *f.*, strawberry.
fraisier, *m.*, strawberry plant.
framboise, *f.*, raspberry.
framboisier, *m.*, raspberry bush.
frange, *a.*, fimbriate.
frêne, *m.*, ash *Fraxinus* L.
frimas, *m.*, hoar-frost.
froment, *m.*, wheat.
frondaison, *f.*, foliage.
fructifier, *v. i.*, to sporulate.
fruit à noyau, stone fruit.
fruit comestible, edible fruit.
fumé, *p. a.*, manured.
fumer, *v. t.*, to manure.
fuseau, *m.*, spindle.

G

gadelle, *f.*, red currant.
gadellier, *m.*, red currant bush.
gaîne, *f.*, ocrea; sheath.
gaîne scléreuse, mestome sheath; leaf sheath.
galactocyte, *f.*, latex tube.
galantine, *f.*, snow drop *Galanthus nivalis* L.
gale, *f.*, scab (general term).
gale commune, common scab.
gale verruqueuse, powdery scab.
gale noir, potato wart.
gamopétale, *a.*, gamopetalous.
gantelée, *f.*, foxglove.
garance, *f.*, madder.
gaudronné, *a.*, repand.
gélifier, *v. i.*, to gelatinize.
gélose, *f.*, agar.
géminé, *a.*, double.
gemmaire, *a.*, pertaining to buds.
gemme, *f.*, gemma; leafbud.
gemmer, *v. i.*, to bud; to germinate.
gemmule, *f.*, embryo; plumule.
genêt, *m.*, broom *Cytisus* (Tourn.) L.
génépi (genipi), *m.*, wormwood *Artemisia* L.

genette, *f.*, whin *Genista* L.
genévrier, *m.*, juniper tree.
géniculé, *a.*, geniculate.
genièvre, *m.*, juniper berry; juniper tree.
germe, *m.*, bud; seed; shoot; ovary.
gesse, *f.*, vetch; chick-pea.
gingembre, *m.*, ginger.
girofle, *m.*, clove.
giroflée, *f.*, gilliflower; stock.
glabre, *a.*, glabrous.
glaieul, *m.*, gladiolus; iris.
glaieul des marais, swamp iris.
glaieul puant, fetid iris.
gland, *m.*, acorn.
glouteron, *m.*, burdock.
glumelle, *f.*, palea.
godet, *m.*, cup; calyx.
goémon, *m.*, seaweed.
goître, *m.*, struma.
gonfler, *v. i.*, to swell.
goupillon, *m.*, Aspergillus.
gourmander, *v. t.*, to prune.
gousse, *f.*, pod; husk; legume.
goyave, *f.*, guava.
goyavier, *m.*, guave tree.
grain, *m.*, grain; berry.
graine, *f.*, seed, berry.
graine, monter en, to go to seed.
graisse, *f.*, fat.
graisse, goutte de, fat globule.
grappe, *f.*, raceme; bunch (of grapes etc.).
grappe, composée, compound raceme.
grappe d'ombellie, umbel-like raceme.
grappe pendante, catkin.
greffe, *f.*, graft.
greffe à cheval, saddle graft.
greffe écusson, shield budding.
greffe en anneau, ring grafting.
greffe en couronne, crown grafting.
greffe en fente, cleft grafting.
greffe en flûte, flute budding.
greffe en placage, veneer grafting.
greffe mixte, graft between plants not closely related.
greffe par approche, inarching.
greffe sur racine, root grafting.
greffoir, *m.*, budding knife.
greffon, *m.*, scion.
grêle, *a.*, slender.
grêlé, *p. a.*, damaged by hail.
grener, *v. i.*, to seed; to run to seed.
grenouillet, *m.*, Solomon's seal.
grenouillette, *f.*, buttercup *Ranunculus*; frogbit *Hydrocharis*.
grillage, *m.*, network.
grimpant, *p. a.*, climbing.
groseille, *f.*, gooseberry.
groseillier, *m.*, red or white currant bush; gooseberry bush.
gueule, en, labiate.
gueule-de-loup, *f.*, snapdragon.
gui, *m.*, mistletoe *Viscum album*.
guimauve, *f.*, marshmallow.

H

hadrocyte, *f.*, pitted element.
haie, *f.*, hedge.
hampe, *f.*, stalk; scape.
haricot, *m.*, bean; kidney-bean.
hatif, *a.*, premature; early (fruit etc.).
herbier, *m.*, herbarium.
hêtre, *m.*, beech.
hièble, *f.*, dwarf elder.
hile, *m.*, hilum.
hormotila, *m.*, hormogone.
houblon, *m.*, hop.
houement, *m.*, hoeing.
houlque sucrée, sugar cane.
houx, *m.*, holly.
huile, *f.*, oil.
huile de ricin, castor oil.
huile de lin, linseed oil.
hydrocyte, *f.*, element inside the cambial zone.
hydrolycyte, *f.*, vacuole.

I

if, *m.*, yew.
igname, *f.*, Indian potato; yam.
imbricé, *a.*, imbricate.
inbriqué, *a.*, imbricate.
incrassant, *p. a.*, nutritive.
indéfriché, *a.*, uncleared; uncultivated.
indigotier, *m.*, indigo plant.
infère, *a.*, inferior.
iode, *m.*, iodine.
iule, *m.*, catkin.
ivraie, *f.*, tare; rye-grass.

J

jacée, *f.*, knapweed *Centaurea nigra* L.
jacée des bles, cornflower, bachelor's button, bluebottle *Centaurea cyanus* L.
jacobée, *f.*, ragwort *Senecio* (Tourn.) L.
jalousie, *f.*, Sweet William.
jarousse (jarosse), *f.*, vetch.
jaunet, *m.*, buttercup; bachelor's button.
javelage, *m.*, drying (of corn in the fields).
jérose, *f.*, rose of Jericho.
jonc, *m.*, rush (general term).
joubarbe, *f.*, house-leek.
jule, *m.*, catkin.
jumeau, *n.* and *a.*, twin; double (fruits, etc.).
jus, *m.*, sap; juice.
jusquiame, *f.*, henbane.
juteux, *a.*, juicy.

K

ketmie, *f.*, rose-mallow; hibiscus.
kyste, *m.*, cyst.
kystique (kysteux), *a.*, cystic.

L

labié, *a.*, labiate.
labour, *m.*, plowing; dressing.
labourable, *a.*, arable.
labourage, *m.*, tillage.
lacéré, *p. a.*, lacerate.
laceron, *m.*, sowthistle.
lacune aérifère, air space.
laiche, *f.*, sedge (general term).
laineux, *a.*, lanuginous.
lais, *m.*, standard tree; accretion (an accumulation of algae etc. thrown up by the tides); standard.
laiteron, *m.*, sowthistle.
laitue, *f.*, lettuce.
lambruche (lambrusque), *f.*, fox grape.
lame, *f.*, lamina.
lame criblée, sieve plate.
lamé, *a.*, laminate.
lamelle, *f.*, lamella; scale.
lamelle moyenne, middle lamella.
lamier, *m.*, dead-nettle *Lamium* L.
lampette, *f.*, corn-cockle.
langue-de-serpent, *f.*, adder's tongue.
larêche, *f.*, larch.
larmaire, *a.*, lacrimiform.
latence (temps de), latent period of induction.
laurier, *m.*, laurel.
laurose, *m.*, oleander.
lavande, *f.*, lavender.
lenticule, *f.*, duckweed *Lemna* L.

lentille, *f.*, lentil.
leucite, *f.*, plastid.
lèvre, *f.*, lip (of labiate flower).
levure, *f.*, yeast.
liber, *m.*, phloem.
liber primaire de seconde formation, metaphloem.
libéro-ligneux, *a.*, referring to phloem and xylem group.
libérien, *a.*, referring to phloem.
liège, *m.*, cork.
liège cicatriciel, cork formation following the falling of the leaf.
liège dur, hard cork.
liège mou, soft cork.
lierre, *m.*, ivy *Linaria* (Tourn.) Hill; English ivy *Hedera helix* L.
lierre-terrestre, *m.*, ground ivy *Nepeta hederacea* (L.) Trevisan.
limbe, *m.*, leaf blade.
limetier, *m.*, lime tree.
limon, *m.*, clay; lemon.
lin, *m.*, flax.
linaire, *f.*, toadflax.
linière, *f.*, flax field.
lis, *m.*, lily.
liseron, *m.*, bind-weed.
lisse, *f.*, region of the root extending from the rootcap to the piliferous zone.
lisse, *a.*, smooth; glabrous; glossy.
loge, *f.*, anther lobe; loculus.
logette, *f.*, pollen chamber; locellus.
lorique, *f.*, testa; outer layer of ovule.
lotier, *m.*, lotus.
lucet, *m.*, whortleberry.
lymphe, *f.*, sap.

M

macle, *f.*, water caltrop *Trapa* L.; druse.
macranthe, *a.*, large-flowered.
macre, *f.*, water caltrop *Trapa* L.
macroure, *a.*, spiked.
maille de réseau, sieve mesh.
manchette annulaire, annulus.
mandragore, *f.*, mandrake.
manglier, *m.*, mangrove.
mangue, *f.*, mango.
manguier, *m.*, mango; mango tree.
manihot, *m.*, manioc.
marais, *m.*, swamp; bog; marsh.
marasca, *m.*, sour cherry.
marcescent, *a.*, faded.
marcottage, *m.*, layering.
marcotte, *f.*, runner; layer (for propagation).
mare, *f.*, pond.
marécage, *m.*, marsh; bog; swamp; morass.
marécageux, *a.*, marshy; swampy.
marron, *m.*, chestnut (large French chestnut).
marronier, *m.*, chestnut tree.
marronier d'Inde, horse-chestnut tree.
marrube, *m.*, madwort; horehound; bugle-weed.
massif, *m.*, group; clump.
méat, *m.*, small triangular intercellular space.
méat, s au intervalle, intercellular space.
mélèze, *m.*, larch.
melogène, *f.*, egg-plant.
menthe, *f.*, mint.
menthe à épi, spearmint.
menthe poivrée, peppermint.
menthe verte, spearmint.
méplat, *a.*, flat.
méridien protoplasmique, spindle fiber.
merise, *f.*, wild cherry.
merisier, *m.*, wild cherry tree.
mérithalle, *m.*, internode.
métis, *n.* and *a.*, hybrid.
miellat, *m.*, honey-dew.
mil, *m.*, millet.
mille-pertuis, *m.*, St. John's-wort.

mince, *a.*, thin.
mince filet, filar strand of protoplasm.
mirette, *f.*, Venus' looking glass.
möelle, *f.*, pith.
moisi, *m.*, moldiness.
moisi, *p. a.*, moldy.
moisissure, *f.*, mold; moldiness.
moisson, *f.*, harvest.
molène, *f.*, mullein.
monoique, *a.*, monoecious.
morcellement, *m.*, division.
mordu, *a.*, premorse.
morelle, *f.*, night-shade.
moret (mouret), *m.*, whortleberry.
morgeline, *f.*, chickweed.
motrice, *f.*, motor cell (in grass-leaf).
mouron, *m.*, pimpernel *Anagallis* (Tourn.) L.; chickweed.
mousse, *f.*, moss (general term).
mousseron, *m.*, mushroom (general term).
moutarde, *f.*, mustard.
mufle de veau, *m.*, snapdragon.
mufleau, *m.*, snapdragon.
muflier, *m.*, snapdragon.
muguet, *m.*, lily-of-the-valley.
mûr, *a.*, ripe; mature.
mûre, *f.*, mulberry.
mûre de haie, blackberry.
mûre de ronce, blackberry.
mûre sauvage, blackberry.
murier, *m.*, mulberry tree.
muriqué, *a.*, muricate.
muron, *m.*, blackberry; wild raspberry.
muqueux, *a.*, mucous.
myosure, *f.*, mouse-tail *Myosurus* (Dill) L.
myrtille, *f.*, bilberry.

N

nain, *a.*, dwarf.
napel, *m.*, monkshood *Aconitum* (Tourn.) L.
navet, *m.*, turnip; root.
néfle, *f.*, medlar *Mespilus germanica* L.
nerprun, *m.*, buckthorn.
nervure, vein.
nielle, *f.*, smut; blight (general term); corncockle.
nigelle, *f.*, fennel flower.
nille, *f.*, tendril.
niveau (d'eau), *m.*, (water) level.
niveole, *f.*, snowdrop *Galanthus nivalis* L.
nocif, *a.*, toxic.
nodosité, *f.*, nodule.
nodule scléreux, group of stone cells.
noeud, *m.*, node; knot.
noir, *m.*, brown rust (general term).
noisette, *f.*, nut.
noix, *f.*, walnut; nut; kernel.
nouer, *v. i.*, to set (of fruits).
nouure, *f.*, knotting; setting (of fruits).
noyau, *m.*, stone (of fruits); nut; nucleus.
noyau reproducteur, generative nucleus.
noyau secondaire, polar nucleus.
noyer, *m.*, walnut tree.
nucleole, *f.*, nucleolus.
nucule, *f.*, nutlet; achene; part of a schizocarp.
nuisible, *a.*, noxious.
nummulaire, *f.*, moneywort.

O

obclavé, *a.*, obovate.
obovale obové, *a.*, obovate.
oeil, *m.*, bud; daisy.
oeillet, *m.*, carnation.
oeillet de poète, Sweet William.
oeillette, *f.*, field-poppy.

oignon, *m.*, onion; bulb.
oignonière, *f.*, onion bed.
ombelle, *f.*, umbel.
ombilic, *m.*, hilum; umbilious.
ombrage, *f.*, shade.
onagre, *m.*, evening primrose.
onglet, *m.*, aiglet.
oreillette, *f.*, auricle (grass).
orge, *f.* (or m.), barley.
ormaie (ormoie), *f.*, elm-grove.
orme, *m.*, elm.
ormeau, *m.*, young elm.
orne, *m.*, flowering ash.
oronge, *f.*, orange agaric *Amanita caesarea.*
oronge fausse, fly-agaric *A. muscaria.*
ortie, *f.*, nettle.
oseille, *f.*, sorrel.
ostiole, *f.*, stomatal opening.
oursin, *m.*, compound crystal.
ovaire, *m.*, ovary.
ovaire adhérent, inferior ovary.
ovaire libre, superior ovary.

P

paille, *f.*, straw; chaff.
paillette, *f.*, patellula; chaff.
paisson, *f.*, forest pasture.
paître, *v. t.* and *i.*, to graze; pasture.
paletuvier, *m.*, mangrove *Rhizophora;* button-tree *Platanus.*
palmiste, *m.*, palmetto.
pampre, *m.*, tendril.
panaché, *a.*, variegated.
panneau, *m.*, glass frame.
parasol, *m.*, (**plante en—**), umbelliferous plant.
parcours des vaisseaux, the course of the leaftraces.
parenchyme de dilation, the broadened part of the medullary ray.
parenchyme étiolé, aerenchyma.
parenchyme ligneux, woodparenchyma.
parenchyme muriforme, brick-shaped parenchyma cells.
parenchyme rameux, lacunate parenchyma.
parenchyme subéreux, periderm.
parmentière, *f.*, potato.
paroi, *f.*, cell wall; coat (seeds, etc.).
parterre, *m.*, flower-bed; garden-plot.
pas d'âne, *m.*, colt's foot.
passerage, *f.*, pepperwort.
passe-rose, *f.*, hollyhock.
passe-velours, *m.*, coxcomb.
passiflore, *f.*, passion-flower.
pastel, *m.*, woad *Genista* L.
pastenade, *f.*, parsnip.
pastèque, *f.*, watermelon.
patate, *f.*, sweet potato (incorrectly used for the Irish potato).
patience, *f.*, dock.
patte-d'oie, *f.*, goosefoot.
pâturage, *m.*, pasture.
pâture, *f.*, pasturage.
pâturer, *v. i.*, to pasture; graze.
paturin, *m.*, meadow grass (e.g. *Poa compressa* L.).
pavie, *m.*, clingstone peach.
pavot, *m.*, poppy.
pêche, *f.*, peach.
pêcher, *m.*, peach tree.
pedoncule, *m.*, peduncle.
pelouse, *f.*, lawn; greensward; grass plot.
pêlté, *a.*, peltate.
pelure, *f.*, paring; peel; rind.
pénicillé, *a.*, brush-like; aspergilliform.
penné, *a.*, pinnatifid.
pépin, *m.*, kernel; stone; pip.
pépinière, *f.*, nursery.
perce-mousse, *f.*, snowdrop *Galanthus nivalis* L.
perce-niege, *f.*, snowdrop *Galanthus nivalis* L.
perlière, *f.*, cudweed *Gnaphalium* L.

pérot, *m.*, sapling (of the age of two cuttings).
persil, *m.*, parsley.
persillé, *a.*, covered with blue mold.
pervenche, *f.*, periwinkle *Vinca* L.
pesse, *f.*, mare's tail *Hippuris* L.
pétreau, *m.*, sucker.
peuplier, *m.*, poplar.
peu répandu, sparsely distributed.
phellogène sous-lenticillaire, closing cells of lenticels.
pied, *m.*, foot; stem; stalk; seed-piece.
pied d'alouette, larkspur.
pied de chat, everlasting.
pied de coq, cock's foot grass *Dactylis* L.
pied de-poule, crow-foot, buttercup.
pied de veau, cockoo-pint, wake robin *Arum maculatum* L.
pied sur, standing (of crops).
pigamon, *m.*, meadow-rue.
pin, *m.*, pine; pine tree; Scotch fir *Pinus Sylvestris* L.
pinasse, *m.*, pine.
piquant, *m.*, prickle.
pirole, *f.*, wintergreen.
pissenlit, *m.*, dandelion.
pite, *f.*, agave.
pivoine, *f.*, peony.
pivot, *m.*, taproot.
pivotant, *a.*, tap-rooted.
pivotante, racine, taproot.
plaie, *f.*, scar.
planche, *f.*, bed; border.
plançon, *m.*, sapling; slip; twig.
plant, *m.*, set; twig; plant; plantation; grove.
plantage, *m.*, planting; plantation
plantard, *m.*, sapling; slip; twig.
plante, *f.*, plant.
plante vivace, perennial.
plaque, *f.*, plate; diaphragm.
plaque criblée, sieve plate.
plaque équatoriale, equatorial plate.
plate-bande, *f.*, flower bed; border.
pli, *m.*, thin spot in wall of pollen grain.
plicatile, *a.*, plicate.
plissé, *a.*, plaited.
plissement, *m.*, vernation; aestivation.
poche, *f.*, bordered pit.
poche secrétrice, internal gland.
podagraire, *f.*, goatweed, goutwort *Aegopodium* L.
podosperme, *m.*, funiculus.
poids, *m.*, weight.
poil, *m.*, hair, bristle.
poil articulé, articulate hair.
poil à baton enfile, hinged hair.
poil à bosse, nodulose hair.
poil à dents, dentate bristle.
poil à dents d'une seule coté, hair dentate on one side.
poil à goupillon, aspergilliform hair.
poil branchu, branched hair.
poil conique, falcate hair.
poil crochu, hooked hair.
poil cylindrique, cylindrical hair.
poil en aiguille courbe, hooked bristle.
poil en aiguille droite, acicular hair.
poil en alêne, subulate bristle.
poil en corde, nodose hair.
poil en corne de boeuf, falcate hair.
poil en crochet, dichotomous hair.
poil en écusson, shield hair.
poil en étoile, stellate hair.
poil en fil, filamentous hair.
poil en hameçon, glochidium.
poil en lunette, articulate bristle.
poil en plume, pinnate hair.
poil en valvule, valvular hair.
poil frisé, curled hair.
poil urticant, nettle hair.
poilu, *a.*, bristly, pilose.
poire, *f.*, pear.
poirier, *m.*, pear tree.
pois, *m.*, pea.
poivre, *m.*, pepper.

poldérien, *a.*, pertaining to the polder.
pollinie, *m.*, pollinium.
pomme, *f.*, apple; head (of cabbage, etc.).
pomme d'amour, tomato.
pomme de pin, pineapple.
pomme de terre, potato.
pomme epineuse, thornapple.
pomme sauvage, crab-apple.
pommé, *p. a.*, grown to a round head, cabbaged.
pommeraie, *f.*, apple orchard.
pommier, *m.*, apple tree.
ponceau, *m.*, corn-poppy.
ponctuation aerolée, simple pit.
ponctuation simple, simple pit.
ponctué, *p. a.*, pitted.
populage, *m.*, globeflower; loosestrife.
porte-grain, *m.*, disseminating agent.
postel, *m.*, teasel.
potamot, *m.*, pondweed.
potiron, *m.*, pumpkin.
pouliot, *m.*, pennyroyal *Mentha Pulegium* L.
poupée, *f.*, crown graft.
pourpier, *m.*, purslane.
pourrir, *v. i.* and *t.*, to rot.
pourriture, *f.*, rot.
pourtour, *m.*, periphery.
pousse, *f.*, shoot; sprout.
poussière, *f.*, pollen.
pré, *m.*, meadow.
préfloraison, *f.*, aestivation.
préfoliaison, *f.*, prefoliation.
prèle, *f.*, (**presle**), horse-tail *Equisetum* (Tourn.) L.
presse, *f.*, clingstone peach.
primeur, *f.*, first of the season (flowers, fruits, etc.).
primevère, *f.*, primrose; cowslip.
primine, *f.*, first integument.
protochorde, protoxylem group.
printanier, *a.*, spring, early.
printemps, *m.*, spring.
propagule, *m.*, bud for propagating; off-set.
provignement, *m.*, layering (of vines).
provigner, *v. t.*, to layer (vines).
provigner, *v. i.*, to increase.
provin, *m.*, layer (of a vine).
pruine, *f.*, bloom (of fruits).
pruiné, *a.*, covered with bloom.
prune, *f.*, plum.
pruneau, *m.*, prune.
prunelaire, *f.*, plum orchard.
prunelle, *f.*, sloe; bullace.
prunellier, *m.*, sloe-tree *Prunus spinosa* L.; bullace tree *P. domestica* var. *damascena* L.
prunier, *m.*, plum tree.
pucelage, *m.*, periwinkle *Vinca* L.
purin, *m.*, liquid manure.

Q

queue, *f.*, stalk; stem.
quintefeuille, *f.*, cinquefoil.

R

Rabette, *f.*, rape; rape seed.
rabougri, *p. a.*, stunted; dwarfed.
race, *f.*, stock; variety.
racheux, *a.*, knotty.
rachitique, *a.*, blighted; stunted; knotty.
racinage, *m.*, esculent roots; root-crops.
racine, *f.*, root.
racine binaire, diarch root.
racine principale, main root; tap-root.
racine vivace, perennial root.
radicelle, *f.*, radicle; rootlet.
radicule, *f.*, radicle.
radié, *a.*, stellate; radiate.

raide, *a.*, stiff; rigid.
raideur, *f.*, rigidity.
raie, streak, furrow.
raifort, *m.*, radish; horse-radish.
raiponce, *f.*, rampion *Campanula Rapunculus* L.
raisin, *m.*, grape; grapes.
raisin d'Amérique, pokeweed *Phytolacca* (Tourn.) L.
raisin, une grappe de, a bunch of grapes.
ramaire, *a.*, rameous.
ramassé, *a.*, compact; clustered.
rame, *f.*, stick; prop.
ramé, *a.*, branched (of peas); propped.
rameau, *m.*, bough; branch.
ramure, *f.*, branches; boughs.
rave, *f.*, radish; turnip; beet.
rayon, *m.*, ray.
rayon de lumiere, light ray.
rayon lumineu, light ray.
reagibilité, *f.*, reactiveness.
rèble (rièble), *m.*, goose grass; cleavers *Galium Aparine* L.
rebrousse, *a.*, retrorse.
rebroussement, *m.*, retrogression (in response to overstimulus).
recassis, *m.*, stubble land that has been broken up.
rechaud, *m.*, hot-bed; mulch.
récolte, *f.*, harvest; crop; harvesting; collection.
recourbé, *p. a.*, recurved.
réfléchi, *p. a.*, recurved.
regain, *m.*, aftermath.
regel, *m.*, renewed frost; freezing again.
réglisse, *f.*, licorice.
reinaire, *a.*, reniform.
reine-claude, *f.*, greengage plum.
reine-marguerite, *f.*, china aster; star-wort.
reinette, *f.*, russet, pippin (apple).
regetom, *m.*, shoot; sprout; off-set; scion.
région pilifère, piliferous region of root.
région subéreuse, region of root between hypocotyl and piliferous region.
renflement, *m.*, struma.
réniforce, *a.*, reniform.
renoncule, *f.*, buttercup.
renouée, *f.*, knotweed.
répartition géographique, geographical distribution.
repiquage, *m.*, transplanting; tranfer (of cultures).
reprendre, *v. i.*, to take root again.
retombant, *p. a.*, prostrate.
retourné, *p. a.*, inverted, bent back.
rétréci, *p. a.*, narrow; contracted.
réveille-matin, *m.*, spurge; wartweed.
revêtement de cire, cuticular ridge.
revolutif, *a.*, revolute.
rheotaxisme ascendant, *m.*, positive rheotropism.
rheotaxisme descendant, negative rheotropism.
ricin, *m.*, castor bean.
ride, *f.*, wrinkle; ridge; crease.
ridé, *a.*, rugose.
riposte, temps de, reaction time.
riz, *m.*, rice.
rizière, *f.*, rice-field; rice plantation.
rognon, *m.*, nodule.
romarin, *m.*, rosemary.
ronce, *f.*, brier; blackberry bush; bramble.
rond de sorcier, fairy ring.
rosage, *m.*, oleander.
roseau, *m.*, reed.
rosée, *f.*, dew.
rosée du soleil, sundew *Drosera* L.
rosier, *m.*, rosebush.
rossolis, *m.*, sundew *Drosera* L.
rostellé, *a.*, rostrate.
rotace, *a.*, rotate.
rougeole, *f.*, cow-wheat *Melampyrum* (Tourn.) L.
rouille, *f.*, rust, mildew; blight (general term).
roure (reuvre), *m.*, English oak *Quercus Robur* L.
ruban, *m.*, flat green organ (modified root) of certain orchids serving various functions; absorption, fixation, assimilation.

rueller, *v. t.*, to mold up (vines, etc.)
ruisseau, *m.*, brook, stream.
rupestre, *a.*, growing on rocks.

S

sabine, *f.*, savin *Juniperus* (Tourn.) L.
sable, *m.*, sand; gravel.
sablet, *Agaricus arenarius*.
sableux, *a.*, sandy.
sablier, *m.*, sandbox.
sablière, *f.*, sandpit; gravelpit.
sabline, *f.*, sandwort.
sabot, *m.*, lady's slipper.
safran, *m.*, saffron, crocus.
sagine, *f.*, pearl grass *Sagina* L.
sagittaire, *f.*, arrow head *Sagittaria* L.; adder's tongue *Ophioglossum* (Tourn.) L.
sagitté, *a.*, sagittate.
sain, *a.*, healthy.
salade de taupe, dandelion.
salicors, *m.*, (salicorne, *f.*), glasswort *Salicornia* (Tourn.) L.; saltwort *Solsola* L.
salicotte, *f.*, saltwort *Salsola* L.
saligot, *m.*, water-caltrop *Trapa* L.
salin, *m.*, salt marsh.
salsepareille, *f.*, sarsaparilla.
salsifis, *m.*, salsify.
sanguinaire, *f.*, bloodroot.
sanve, *f.*, charlock.
sapin, *m.*, fir; spruce.
sapinière, *f.*, fir forest.
saponaire, *f.*, soapwort.
sarclage, *m.*, weeding.
sarcloir, *m.*, hoe.
sarelle (serelle), *m.*, saw-wort.
sarment, *m.*, runner.
sarrasin, *m.*, buckwheat.
sarriette, *f.*, savory.
sart (sar), *m.*, sea wrack *Zostera* L.
sauge, *f.*, sage.
saule, *m.*, willow.
saumâtre, *a.*, brackish.
sauvageon, *m.*, tree grown from seed; wild stock.
sauve-vie, *f.*, wall-rue.
sauvillot, *m.*, privet.
savonnier, *m.*, soapberry tree.
saxatile, *a.*, growing on rocks.
scarieux, *a.*, scarious.
scille, *f.*, squill, wild hyacinth.
sclarée, *f.*, clary *Salvia Sclarea* L.
scorpione, *f.*, scorpion-grass.
scorpiure, *f.*, caterpillar.
scorsonère, *f.*, viper's grass.
sécheresse, *f.*, drought; dry season.
secondine, *f.*, inner integument.
secousse, *f.*, shock (in response to stimulus).
ségétal, *a.*, segetalis.
séglin, *m.*, cheat grass.
seigle, *m.*, rye.
seigle à éperon, ergot of rye.
seigle cornu, ergot of rye.
seigle luxuriant, ergot of rye.
seigle noir, ergot of rye.
seigne-nez, yarrow.
semailles, *f. pl.*, sowing time; seed.
semence, *m.*, seed.
semenceau, *m.*, seedpiece (potato); sugar beet raised for seed.
semeur, *m.*, disseminator.
semis, *m.*, seedplot; seedling.
semoir, *m.*, seed-drill.
séné, *m.*, senna.
seneçon, *m.*, groundsel.
senegrain (senègre or senegré), *m.*, fenugreek.
sénevé, *m.*, charlock.
senousse, *f.*, pigweed.
senteur, *f.*, odor; fragrance.
senteur, pois de, sweet pea.
sépale interne, *m.*, valve (applied to the winglike structure of such fruits as those of *Rumex* L.)
serfouette, *f.*, hoe.
serfouissage, *m.*, hoeing.
serpette, *f.*, pruning knife.

serpolet, *m.*, wild thyme.
serre, *f.*, greenhouse.
serre chaude, hothouse.
serré, *p. a.*, serrate.
serrette (sarette), *f.*, saw wort.
setacé, *a.*, setaceous.
seuil d'intensité, *m.*, threshold intensity.
sève, *f.*, sap.
sève brute, crude sap.
séveux, *a.*, full of sap.
sillon, *m.*, ridge; groove; wrinkle.
soie, *f.*, seta.
sol, *m.*, soil.
sommet, *m.*, apex.
sommité, *m.*, flowering apex.
sorbier (des oiseaux), *m.*, mountain ash *Pyrus Aucuparia* (L.) Ehrh.
sore, *m.*, sorus.
sorgho, *m.*, sorghum.
sorgho à sucre, sugar cane.
souche, *f.*, stump; rhizome.
souchet, *m.*, galingale *Cyperus* (Tourn.) L.
souci, *m.*, marigold.
souci d'eau, marsh marigold.
souci des marais, marsh marigold.
soude, *f.*, glasswort *Salicornia* (Tourn.) L.
soudé, *p. a.*, united.
source, *f.*, source; spring.
source, eau de, spring water.
sous-abrisseau, *m.*, suffrutex; undershrub.
sous-sol, *m.*, subsoil; substratum.
souvenez-vous-de-moi, *m.*, forget-me-not.
spadice, *f.*, spadix.
spergule, *f.*, spurrey.
spic, *m.*, spike; lavendar.
spigélie, *f.*, worm-grass.
spirée, *f.*, spirea.
spirée ulmaire, meadowsweet.
staminé, *a.*, staminate.
statice, *f.*, sea-lavender *Limonium* (Tourn.) Hill.
submersible, *a.*, submersed.
subulé, *a.*, subulate.
suc, *m.*, juice; sap.
suc cellulaire, cell sap.
suçoir, *m.*, sucker.
sucre, *m.*, sugar.
suer, *v. i.*, to sweat; to ooze.
sur, *a.*, sour.
sureau, *m.*, elder.
surelle, *f.*, woodsorrel.
surfleurir, *v. i.*, to flower again.
surgeon, *m.*, sucker; offshoot.

T

tabouret, *m.*, shepherd's purse.
taille, *f.*, cutting; pruning.
taillis, *m.* and *a.*, coppice; thicket.
talle, *f.*, sucker.
tanaisie, *f.*, tansy.
tapissé, *a.*, veiled.
tardiveté, *f.*, lateness; backwardness.
teint, *m.*, color.
tendron, *m.*, shoot; tendril.
terebinthe, *m.*, turpentine tree *Pistacia Terebinthus* L.
terné, *a.*, ternate.
terreau, *m.*, mold; compost.
test (or têt), *m.*, testa.
têtard, *a.*, pollarded.
tetard (en), pollard.
thé, *m.*, tea; teatree.
thylle, *f.*, tylosis.
tige, *f.*, trunk; stem; stalk.
tilleul, *m.*, linden, lime-tree.
tisane, *f.*, decoction; infusion.
tomate, *f.*, tomato.
tomenteux, *a.*, tomentose.
Topinambour, *m.*, Jerusalem artichoke.
tordage, *m.*, torsion.
tore, *m.*, torus.
torsil, *a.*, contorted.
tortelle, *f.*, hedge-mustard *Sisymbrium* (Tourn.) L.

touffe, *f.*, tuft; cluster; clump; hill (of potatoes etc.).
touffu, *a.*, tufted; bushy; leafy.
tourbe, *f.*, turf; peat.
tourbeux, *a.*, turfy; peaty.
tourbière, *f.*, peat-bog; peat.
tournesol, *m.*, sunflower.
toute-bonne, *f.*, clary *Salvia Sclarea* L.
traçant, *a.*, running (roots).
trachée, *f.*, trachea, vessel.
traînasse, *f.*, fiorin, bent-grass.
trèfle, *m.*, clover.
treillis, *m.*, trellis; lattice.
tremblaie, *f.*, aspen-grove.
tramble, *m.*, aspen.
trilobé, *a.*, trilobate.
trioste, *m.*, feverwort *Triosteum* L.
tripsac, *m.*, gama grass.
trique-madame, *f.*, white stonecrop.
trochée, *f.*, brushwood.
trochereau, *m.*, long-leaved pine.
trochet, *m.*, cluster (of fruits of flowers).
troène, *m.*, privet.
trognon, *m.*, core (of apple, etc.); stump (of cabbage).
trolle, *m.*, globeflower.
tronc, *m.*, trunk; stem; stump.
tronce, *f.*, stump.
truffe, *f.*, truffle.
truffière, *f.*, truffleground.
truflier, *m.*, privet.
tubéreux, *a.*, tuberous.
tue-chien, *m.*, meadow saffron; dogbane.
tulipier, *m.*, tulip tree.
tumeur marbrée, marbled gall (of alfalfa).
tuniqué, *a.*, tunicate.
turnep, *m.*, field turnip.
tussilage, *m.*, colt's foot.
tuteur, *m.*, prop.
tuyau, *m.*, stalk.

U

ulmaire, *f.*, meadow-sweet.
umbraculiforme, *a.*, umbrella-shaped.
urcéolé, *a.*, urceolate.

V

vaciet, *m.*, grape-hyacinth *Muscari* (Tourn.) L.
valvaire, *a.*, valvate.
valvé, *a.*, valvate.
varaire, *f.*, white hellebore.
varech, *m.*, seaweed.
vase, *f.*, slime; ooze, mud.
veillote (**veillotte**), *f.*, hay-cock; meadow saffron.
vélar, *m.*, hedge-mustard; hedge-garlic.
velours, *m.*, prince's feather *Amaranthus hypochondriacus* L. *Polygonum orientale* L.
velu, *a.*, hairy.
velvote, *f.*, bastard-toadflax *Comandra* Nutt.
verge d'or, goldenrod.
verger, *m.*, orchard.
vergne, *m.*, alder tree.
verjuté, *a.*, acid; tart.
vermiculaire, *f.*, stonecrop.
verrucaire, *f.*, wartwort *Euphorbia Helioscopia* L.
verruqueux, *a.*, verrucose.
vert, *a.*, green.
verticille, *m.*, whorl.
vesce, *f.*, vetch, tare.
vesse-de-loup, *f.*, puff-ball (general term).

vigne, *f.*, vine; vineyard.
vigne blanche, traveller's joy *Clematis* L.
vigne de judée, bittersweet.
vignette, *f.*, meadowsweet.
villeux, *a.*, villose.
vimaire, *m.*, storm damage (in forests).
vinaigrier, *m.*, sumac tree.
violette, *f.*, violet.
violette de la chandeleur, snowdrop.
violette mariane (marine), Canterbury bells.
violette tricolore, pansy.
violier, *m.*, wall flower *Cheiranthus Cheiri* L.
violier des jardins, stock *Matthiola* R. BR.
vipérine, *f.*, viper's bugloss *Echium vulgare* L.
virole, *f.*, collar.
vivace (plante), *a.*, perennial.
volet, *m.*, water-lily.
volubilis, *m.*, *Convolvulus* (Tourn.) L. bindweed.
vrille, *f.*, tendril.
vulnéraire, *f.*, kidney-vetch *Anthyllis* (*Rivinius*) L.; woundwort.
vulpin, *m.*, foxtail grass.

X

xanthe, *m.*, burweed.

Y

yeuse, *f.*, ilex; evergreen oak; holly oak *Quercus Ilex* L.
ypreau, *m.*, wych elm *Ulmus glabra* Huds.

Z

zeste, *m.*, peel (of citrus fruits); dividing membrane (of nuts).
zostère, *f.*, seaweed; wrack grass *Zostera* L.

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Sans Tache

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